

AIR QUALITY IN ONTARIO

1992

APPENDIX

ONTARIO MINISTRY OF ENVIRONMENT AND ENERGY

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INTRODUCTION

This Appendix is intended for use in conjunction with the Annual Report Air Quality in Ontario 1992. For each pollutant, tables provide the location of stations and supply sample distribution information including means, maxima, percentile values and the number of exceedances of the Ontario criteria. The entire continuous (hourly) network is summarized in Appendix Table A-1 and Maps 1 and 2. The table gives station name, numerical identifier, and pollutants measured. The numerical identifier is the station (ID) number, the first digit of which identifies the geographic region in which the station is located.

The Ministry of the Environment and Energy has divided the province into 7 regions. Region 1 is Southwest with headquarters in London; Region 2 is Westcentral with headquarters in Hamilton; Region 3 and 4 is Central with headquarters in Toronto; Region 5 is Southeast with headquarters in Kingston; Region 6 is Northwest with headquarters in Thunder Bay and finally Region 7 is Northeast with headquarters in Sudbury. Letter codes indicate whether data are telemetered (T) or chart-read (C). The column headings for pollutants are as follows:

SO₂ (sulphur dioxide)

SP suspended particles or soiling index (COH)

CO (carbon monoxide)

O₃ (ozone)

NO₂ (nitrogen dioxide)

NO (nitric oxide)

NO_x (oxides of nitrogen)

THC (total hydrocarbon compounds)

RHC (reactive (non-methane) hydrocarbon compounds)

TRS (total reduced sulphur compounds)

API (air pollution index)

AQI (air quality index)

The Air Quality Index sites are shown in Map 3.

The particulate (daily) network is summarized in Appendix Table A-2 and Maps 4 and 5. The table gives station name, numerical identifier, and pollutants measured. Numerals indicate the monitoring cycle frequency in days. Some additional codes are defined in the key at the top of the table. The column headings for pollutants are as follows:

TSP	(total suspended particulate)
Cd in TSP	(cadmium)
Cr in TSP	(chromium)
Fe in TSP	(iron)
Mn in TSP	(manganese)
Ni in TSP	(nickel)
Pb in TSP	(lead)
V in TSP	(vanadium)
NO ₃ ⁻ in TSP	(nitrate)
SO ₄ ²⁻ in TSP	(sulphate)

The particulate (monthly) network is summarized in Appendix Table A-3. This table gives the location of the monitoring site and the parameters measured at each site.

The inhalable particulate (PM-10) network is summarized in Appendix Table A-4. This table gives station location, parameters measured and frequency of sampling.

The meteorological network is summarized in Table A-5 and Maps 6 and 7. The table gives station name, numerical identifier, meteorological parameters measured and the height of the measurements.

The 1992 statistical data for the various pollutants are provided in Tables A-7 through A-30.

The PM-10 monitoring network is shown in Map 8.

The stations used in the trends of gases and particulates are listed in Tables A-31 and A-32.

ABBREVIATIONS

INS	-	insufficient data to compute relevant statistics.
YR	-	year that monitoring began.
TYP	-	survey type
LAT	-	latitude in degrees/minutes
LONG	-	longitude in degrees/minutes
ELEV	-	elevation of sampling inlet (metres above ground)

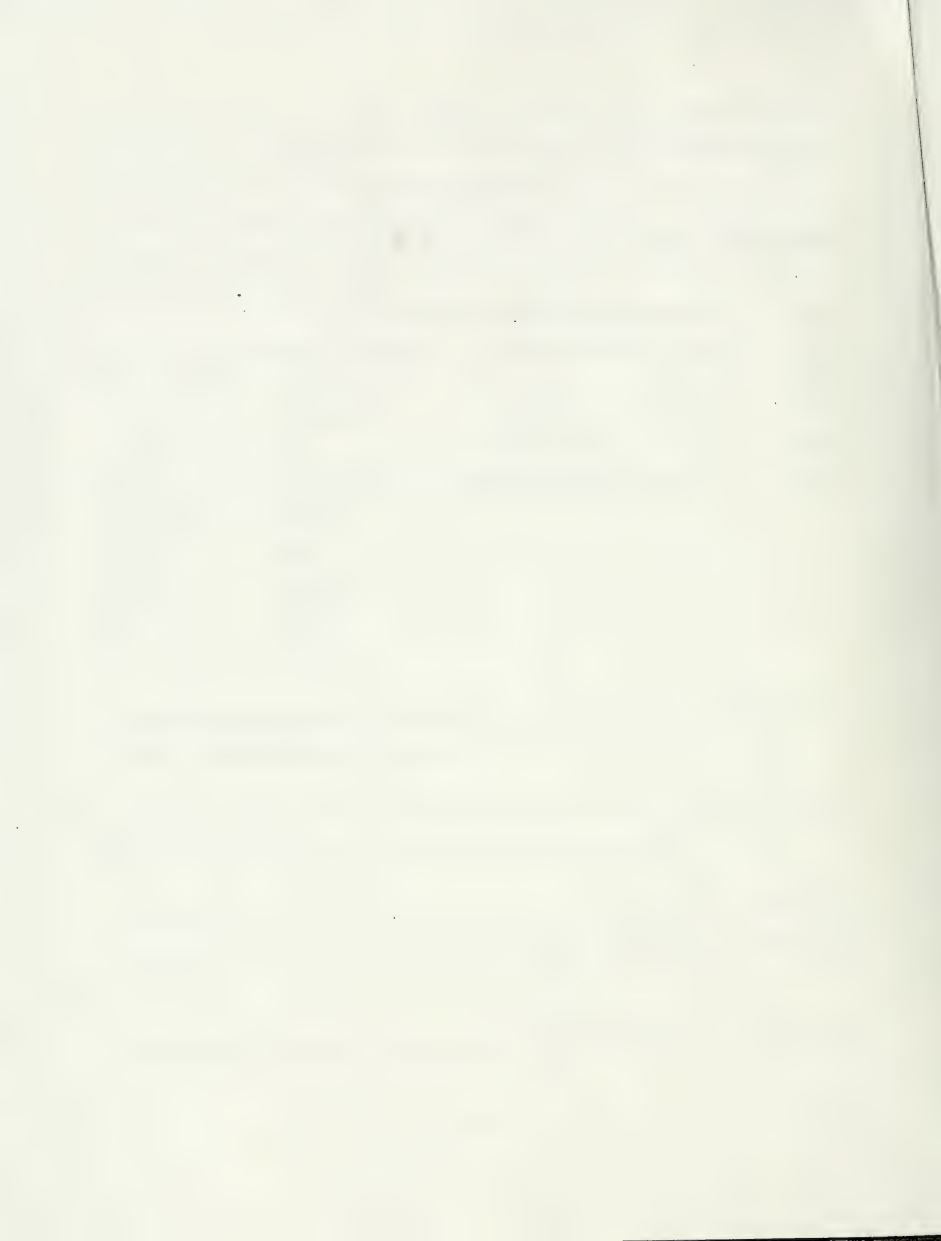


TABLE A-1 THE CONTINUOUS (HOURLY) NETWORK (1992)

CITY	STATION NAME	ID	TYP	YR	LAT	LONG	ELEV (M)	SO ₂	CO	O ₃	NO _x	THC	BHC	CH ₄	TDS	API	AQI	ID = STATION IDENTIFICATION NUMBER		ELEV = AIR INTAKE HEIGHT ABOVE GROUND	
																		LAT = LATITUDE (DEGREES, MINUTES)	LONG = LONGITUDE (DEGREES, MINUTES)	L = DATA LOGGER	YR = YEAR	STATION BEGAN
WINDSOR	WEIGHT/WATER ST	12007	I	84	42-17	83-06	4	T	T	T	T	T	T	T	T	T	T	T			
	WATERWORKS	12008	A	84	42-17	83-06	4	T	T	T	T	T	T	T	T	T	T	T			
	FILTRAT. P.L.T. 3665 HAWTHORPE ST. E	12013	A	76	42-19	83-00	6	T	T	T	T	T	T	T	T	T	T	T			
	COLLEGE/SOUTH ST	12016	A	75	42-18	83-04	4	T	T	T	T	T	T	T	T	T	T	T			
	POLE WATER PUMP STN. MIDDLE RD	13021	A	77	42-15	82-13	4	T	T	T	T	T	T	T	T	T	T	T			
COURTRIGHT	HW40 (OPP LAMBTON GS)	14016	A	69	42-48	82-29	4	T	T	T	T	T	T	T	T	T	T	T			
	CENTRAL PK. FRONT ST/CN TRACKS	14064	A	76	42-59	82-24	3	T	T	T	T	T	T	T	T	T	T	T			
	WATERWORKS	15001	A	70	42-59	81-13	4	T	T	T	T	T	T	T	T	T	T	T			
	WATERWORKS	15009	A	83	42-53	81-29	4	T	T	T	T	T	T	T	T	T	T	T			
	PIC BUILDING	15013	A	83	43-10	81-41	5	T	T	T	T	T	T	T	T	T	T	T			
LONDON	951 COMMISSIONERS RD E	15015	I	86	42-58	81-13	4	L	L	L	L	L	L	L	L	L	L	L			
	951 COMMISSIONERS RD E	15019	I	86	42-58	81-13	4	L	L	L	L	L	L	L	L	L	L	L			
	8 MOUNTFIELD DR	15017	I	86	42-58	81-15	4	L	L	L	L	L	L	L	L	L	L	L			
	POINT BLAKE CONSERVATION AREA	15020	A	91	43-20	81-44	4	T	T	T	T	T	T	T	T	T	T	T			
TIVERTON	CONCESSION RD 2 LOT A	18007	A	79	44-18	81-35	4	T	T	T	T	T	T	T	T	T	T	T			
	INVERHURON FARM	18107	A	91	44-18	81-35	4	T	T	T	T	T	T	T	T	T	T	T			
	EXPERIMENTAL FARM	22071	A	75	42-51	80-16	4	T	T	T	T	T	T	T	T	T	T	T			
	EXPERIMENTAL FARM	22072	A	75	42-51	80-16	4	T	T	T	T	T	T	T	T	T	T	T			
	WANTICOME TOWNSHIP	22086	I	86	42-54	80-09	4	T	T	T	T	T	T	T	T	T	T	T			
PROVINCIAL PARK	TONLINE RD/CON 13	22094	I	86	42-54	80-09	4	T	T	T	T	T	T	T	T	T	T	T			
WINDSOR	WINDSOR	22901	A	79	42-35	80-23	4	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	22904	I	79	42-50	80-02	4	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	22907	A	84	42-49	80-05	4	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	22907	A	84	42-49	80-05	4	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	26048	I	87	44-06	80-05	5	T	T	T	T	T	T	T	T	T	T	T			
WINDSOR	WINDSOR	26060	A	90	43-26	80-30	5	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	27051	I	79	43-07	79-10	15	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	27052	I	83	43-07	79-12	1	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	27055	I	83	43-08	79-05	4	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	27056	I	83	43-05	79-05	5	T	T	T	T	T	T	T	T	T	T	T			
WINDSOR	WINDSOR	27067	A	87	43-10	79-14	4	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	28028	A	86	43-33	80-16	4	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	29001	A	81	43-15	79-52	9	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	29001	A	81	43-15	79-52	9	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	29025	I	84	43-16	79-51	4	T	T	T	T	T	T	T	T	T	T	T			
WINDSOR	467 BEACH BLVD	29102	I	84	43-17	79-47	4	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	29105	A	85	43-14	79-46	4	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	29114	A	85	43-14	79-52	3	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	31049	A	72	43-40	79-23	4	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	31049	A	72	43-40	79-23	4	T	T	T	T	T	T	T	T	T	T	T			
WINDSOR	WINDSOR	31103	A	90	43-39	79-23	3	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	31120	A	85	43-39	79-23	444	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	31190	A	85	43-39	79-23	4	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	32010	A	88	43-42	79-21	5	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	33003	A	70	43-45	79-16	4	T	T	T	T	T	T	T	T	T	T	T			
WINDSOR	WINDSOR	33019	A	69	43-43	79-14	4	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	34020	A	88	43-43	79-20	17	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	34025	A	69	43-43	79-32	5	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	35003	A	69	43-39	79-35	4	T	T	T	T	T	T	T	T	T	T	T			
	WINDSOR	35003	A	69	43-39	79-35	4	T	T	T	T	T	T	T	T	T	T	T			

TABLE A-1 (Cont.) THE CONTINUOUS (HOURLY) NETWORK (1992)

CITY	STATION NAME	ID	TYP	YR	LAT	LONG	ELEV (m)	SO ₂	COH	CO	O ₃	NO ₂	NO	NO _x	THC	RHC	CH ₄	TRS	API	AQI
ETOBICOKE	EVANS/ARNOLD AV	35033	A	67	43.37	79.31	3	T	T	T	T	T	T	T	T	T			T	T
BURLINGTON	HAY/NORTH SHORE BLVD E.	44008	A	79	43.19	79.48	5	T	T	T	T	T	T	T	T	T			T	T
OXVILLE	BRONTE RD/ARBURN CRES.	44015	A	80	43.24	79.44	5	T	T	T	T	T	T	T	T	T			T	T
OSHANA	P.S. RITSON RIVOLIVE AV	45025	A	79	43.53	78.51	5	T	T	T	T	T	T	T	T	T			T	T
MISSISSAUGA	QUEENSWAY W/HURONTARIO ST.	46110	A	77	43.34	79.37	5	T	T	T	T	T	T	T	T	T			T	T
MISSISSAUGA	ADAM PKY/APPEL LINE C C	46117	I	87	43.31	79.26	5	T	T	T	T	T	T	T	T	T			T	T
MISSISSAUGA	WILSON RD/STEELES AVE	47042	A	83	44.39	79.70	12	T	T	T	T	T	T	T	T	T			T	T
BARBIE	ARMOURY BLDG./PARK/PARKSIDE ST.	48002	A	74	43.58	79.16	5	T	T	T	T	T	T	T	T	T			T	T
STOUFFVILLE	HWY47/E OF HWY48	48002	A	74	43.58	79.16	5	T	T	T	T	T	T	T	T	T			T	T
OTTAWA	MCD GDS. RIDEAU/McKENZIE ST.	51001	A	71	45.26	75.41	4	T	T	T	T	T	T	T	T	T			T	T
KINGSTON	DALTON STREET	52020	A	88	44.14	76.31	5	T	T	T	T	T	T	T	T	T			T	T
PETERBOROUGH	WATERLOO STREET	54001	A	70	45.01	77.44	4	T	T	T	T	T	T	T	T	T			T	T
PETERBOROUGH	SCHMIDT 435. SECOND ST W.	55008	A	76	45.01	74.44	4	T	T	T	T	T	T	T	T	T			T	T
PETERBOROUGH	CITY HALL, 500 GEORGE ST.	59006	A	76	44.19	78.19	18	T	T	T	T	T	T	T	T	T			T	T
DRIVEN	35 VAN HORNE AV	61027	I	84	49.47	93.50	15	T	T	T	T	T	T	T	T	T			T	T
FORT FRANCES	PORTAGE/CHURCH ST.	62030	I	76	48.37	93.24	4	T	T	T	T	T	T	T	T	T			T	T
FORT FRANCES	CHESTERY COLONIZATION RD W	62032	I	76	48.37	93.25	5	T	T	T	T	T	T	T	T	T			T	T
FORT FRANCES	LA VERENDRE HOSPITAL	62951	I	90	48.36	93.23	3	T	T	T	T	T	T	T	T	T			T	T
ELY, MINNESOTA	FENNERT RD. ELY MINNESOTA	65008	A	91	46.43	96.21	5	T	T	T	T	T	T	T	T	T			T	T
ELY, MINNESOTA	WATER TOWER	65008	A	91	46.43	96.21	5	T	T	T	T	T	T	T	T	T			T	T
THUNDER BAY	CAN-CAR. MONTREAL ST.	63046	I	76	48.21	89.18	3	T	T	T	T	T	T	T	T	T			T	T
RED ROCK	RECREATION CENTRE	63084	I	81	48.57	88.15	7	T	T	T	T	T	T	T	T	T			T	T
TERENCE BAY	ST. MARTIN SCHOOL	63090	I	81	49.47	81.06	8	T	T	T	T	T	T	T	T	T			T	T
TERENCE BAY	MILL RD/SOUTH CAMP RD.	63093	I	89	48.47	87.05	4	T	T	T	T	T	T	T	T	T			T	T
THUNDER BAY	THUNDER BAY	63100	A	86	48.20	89.17	3	T	T	T	T	T	T	T	T	T			T	T
THUNDER BAY	MTC 615 JAMES ST S	63200	A	87	48.20	89.17	3	T	T	T	T	T	T	T	T	T			T	T
SMITHS FALLS	WATERLOO STREET	71008	A	87	46.12	81.21	3	T	T	T	T	T	T	T	T	T			T	T
SMITHS FALLS	OPP. STATION	72000	A	79	46.19	79.27	4	T	T	T	T	T	T	T	T	T			T	T
NORTH BAY	SHED	77012	I	52	46.39	80.46	5	T	T	T	T	T	T	T	T	T			T	T
SUBURY	HANMER	77013	I	73	46.39	80.57	5	T	T	T	T	T	T	T	T	T			T	T
SUBURY	WATER TANK ASH ST.	77016	I	69	46.30	81.00	3	T	T	T	T	T	T	T	T	T			T	T
SUBURY	WATER TANK ASH ST.	77016	I	69	46.30	81.00	3	T	T	T	T	T	T	T	T	T			T	T
GARRISON	FALCONBURGE ROAD	77065	I	76	46.54	88.51	5	T	T	T	T	T	T	T	T	T			T	T
NEW SUBURY	KENNEDY STREET	77075	I	76	46.31	88.57	5	T	T	T	T	T	T	T	T	T			T	T
SUBURY	LONG LAKE ROAD (VILLIA LOYOLA)	77096	I	80	46.24	81.01	4	T	T	T	T	T	T	T	T	T			T	T
SUBURY	HICKOLA (J. HAMILTON SCHOOL)	77201	I	82	46.25	81.07	5	T	T	T	T	T	T	T	T	T			T	T
SUBURY	SCIENCE NORTH/CLONAK RD.	77203	A	84	46.28	80.59	10	T	T	T	T	T	T	T	T	T			T	T
COPPER CLIFF	LOT 2-PHASE 10/25	77218	I	87	46.28	81.06	4	T	T	T	T	T	T	T	T	T			T	T
SUBURY	GATCHELL	77220	I	88	46.28	81.00	4	T	T	T	T	T	T	T	T	T			T	T
SUBURY	1412 STEPHEN STREET	77225	I	90	46.28	81.00	4	T	T	T	T	T	T	T	T	T			T	T

PROVINCIAL TOTALS:

67 42 29 48 36 36 6 1 1 33 32 34

LEGEND:

SO₂ - Sulphur Dioxide
 COH - Coefficient of haze
 CO - Carbon Monoxide
 O₃ - Ozone
 NO₂ - Nitrogen Dioxide
 NO_x - Nitrogen Oxides
 NO_x - Oxides of Nitrogen

THC - Total Hydrocarbon
 RHC - Reactive Hydrocarbons
 TRS - Total Reduced Sulphur
 API - Air Pollution Index
 AQI - Air Quality Index

TABLE A-2
THE PARTICULATE (DAILY) NETWORK (1992)

SINGLE DIGITS - CYCLE DURATION IN DAYS (W=WEEKDAY ONLY)

ID = STATION IDENTIFICATION NUMBER

TYP = A: AMBIENT SURVEY; I: SOURCE SPECIFIC SURVEY

LAT = LATITUDE(DEGREES-MINUTES) LONG = LONGITUDE(DEGREES-MINUTES)

ELEV = AIR INTAKE HEIGHT ABOVE GROUND (METERS)

[illegible]

TABLE A-2 (cont.) THE PARTICULATE (DAILY) NETWORK (1992)

SINGLE DIGITS = CYCLE DURATION IN DAYS (4=4-DAY ONLY)										TYP = A-AMBIENT SURVEY; I-SOURCE SPECIFIC SURVEY										ELEV = AIR INTAKE HEIGHT ABOVE GROUND (METERS)									
ID = STATION IDENTIFICATION NUMBER										LAT-LATITUDE (DEGREES-MINUTES)										LONG = LONGITUDE (DEGREES-MINUTES)									
CITY	STATION NAME		ID	TY	YR	LAT	LONG	ELEV (H)	TSP	Cd	Cr	Cu	Fe	Mn	Ni	Pb	V	NO ₃	SO ₄	Cl	Sh	C	PAD						
MISSISSAUGA	QUEENSWAY WHURONTARIO ST		46110	A	78	43-34	79-37	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	HURONTARIO HWY 47 E OF HWY 48		48002	A	80	43-58	79-16	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	DORSET FORT FRANCES		49011	A	87	45-13	78-56	1	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	CELESTYR COLONIZATION RD W		62002	I	76	48-37	93-25	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
FORT FRANCES	LEGEION BLVD, 750 CHURCH ST		62005	I	74	48-36	93-23	9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	CAN-CAR, MONTREAL ST		63046	I	78	48-21	89-18	3	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	THUNDER BAY		63300	A	86	48-23	89-17	3	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	THUNDER BAY		63400	A	89	48-48	87-15	1	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-						
SCHREIBER	101 MONTGOM ST		63401	I	89	48-48	87-15	1	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-						
	SAULT STE MARIE		71042	I	75	46-31	84-23	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1						
	SAULT STE MARIE		71043	A	75	46-32	84-23	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	LAKEVIEW RD		71048	A	87	46-32	84-21	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
NEW LISKEARD	TREBLAY ST (E OF QUINION)		72083	I	90	49-41	83-38	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	HEARST		75046	I	91	46-34	79-41	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	19 LISGAR ST		77026	A	72	46-30	81-00	14	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6						
	SUDBURY		77029	A	77	46-16	81-46	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6						
COPPER CLIFF	PURPHOUSE, SPRUCE/BARBER ST		77070	I	76	46-28	81-04	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6						
	PURPHOUSE, NICKEL ST		77070	I	76	46-28	81-04	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6						

PROVINCIAL TOTAL:

120 44 42 46 49 46 46 67 42 33 33 8 4 15 13

LEGEND:

TSP - Total Suspended Particulate

Cd - Cadmium

Cr - Chromium

Cu - Copper

Fe - Iron

Mn - Manganese

Ni - Nickel

Pb - Lead

V - Vanadium

NO₃ - Nitrate

SO₄ - Sulphate

Cl - Chlorine

Sh - Antimony

C - Carbon

RAO - Radiation

TABLE A-3 THE PARTICULATE (MONTHLY) NETWORK (1992)

CITY	STATION NAME	ID	ELEV (M)	ELEV TYP	LAT	LONG	YR	TDF	Cd	Co	Cr	Cu	Fe	Hn	Na	Ni	Pb	V	Zn	NO3	SO4	FLR	OH	OTHERS	
1 = LAB ANALYSIS DONE FOR GIVEN PARAMETER. YR = YEAR STATION BEGAN TYP = A: AMBIENT SURVEY; I: SOURCE SPECIFIC SURVEY																									
ELEV = AIR INTAKE HEIGHT ABOVE GROUND (METERS) ID = STATION IDENTIFICATION NUMBER LAT = LATITUDE (DEGREES-MINUTES) LONG = LONGITUDE (DEGREES-MINUTES)																									
HAMILTON	BRIARWOOD VDC SCHOOL	29062	8	1	43-16	79-49	70																		
HAMILTON	KANE/HAMILTON RESIDENCE	29074	5	1	43-17	79-58	74	1																	1
GREENSVILLE	MELBURN/NETTIE STREETS	29076	5	1	43-17	79-15	74																		
HAMILTON	1190 LEASIDE ROAD	29082	4	1	43-15	79-46	77	1																	
HAMILTON	REHBE/BEACH BLVD.	29084	4	1	43-17	79-47	79	1																	1
HAMILTON	4115 OLD ROAD WAYS	29095	4	1	43-18	79-59	82																		
HAMILTON	4115 OLD ROAD WAYS	29102	4	1	43-18	79-59	82																		
HAMILTON	467 BEACH BLVD.	29107	4	1	43-17	79-47	85	1																	
WINDA	FIFTY RD	29109	4	1	43-20	79-64	91	1																	
HAMILTON	LONDON/JUSTINE (NW CORNER)	29115	4	1	43-14	79-49	88																		
HAMILTON	DALETH/OTTAWA	29116	4	1	43-15	79-49	86																		1
HAMILTON	HARLEY ST/PARKDALE AV.	29118	4	1	43-15	79-47	86																		1
HAMILTON	12 DICKSON STREET	29120	4	1	43-16	79-50	86																		1
HAMILTON	ROSSLYN/MONTCLAIR, NE CORNER	29126	4	1	43-16	79-50	88																		
HAMILTON	LAWRENCE/BALMORAL	29127	4	1	43-14	79-49	88																		
HAMILTON	PROVINCE/JUSTINE	29129	4	1	43-13	79-49	88																		1
HAMILTON	CENTRAL/GROHAM (NW CORNER)	29131	4	1	43-14	79-49	88																		1
HAMILTON	605 NEBO RD (POLE)	29137	4	1	43-16	79-84	91																		1
HAMILTON	NEBO RD (RYDER CONCRETE)	29138	4	1	43-17	80-58	91	1																	1
HAMILTON	90 ST. JOSEPH'S DR	29139	4	1	43-24	79-86	91	1																	
STONEY CREEK	ARVINE/GLOVER RD	29140	4	1	43-22	79-68	92	1																	
STONEY CREEK	BARTON ST. E./GLOVER	29141	4	1	43-21	79-68	92	1																	
HAMILTON	KEMBA/KEEFER CT	29142	4	1	43-28	79-76	92	1																	
HAMILTON	ALTER COURT	29143	4	1	43-24	79-76	92	1																	
STONEY CREEK	BARTON/MENILLY RD	29144	4	1	43-21	79-66	92	1																	
HAMILTON	80 CAMEL AVE. (POLE IN FRONT)	29210	4	1	43-13	79-53	87	1																	
HAMILTON	8 AUDREY AVE. (POLE IN FRONT)	29231	4	1	43-14	79-51	87	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	
GREENSVILLE	OLDFIELD RD. S/HWY 5	29273	4	1	43-17	79-59	88	1																	1
TORONTO	661 EASTERN AVENUE	31019	5	1	43-39	79-20	70																		
TORONTO	BATHURST/FRONT STREETS	31050	4	1	43-38	79-24	72																		
TORONTO	QUEEN ST. (THE END)	31051	4	1	43-38	79-24	73																		
TORONTO	MELLINGTON/NAGARA STREETS	31056	4	1	43-38	79-24	73																		
TORONTO	MOSLEY/LESUE STREETS	31058	5	1	43-40	79-20	75																		
TORONTO	RUSHBROOKE/EASTERN AVENUE	31059	4	1	43-39	79-20	73																		
TORONTO	LESLIE/QUEEN STREET EAST	31069	4	1	43-40	79-20	73																		
TORONTO	CNR PROPERTY, TEICHSHEIT ST.	31074	5	1	43-38	79-24	74																		
TORONTO	MOORS DEPT. 138 HAMILTON AVE.	31082	5	1	43-40	79-21	74																		
TORONTO	TEICHSHEIT/NAGARA STREET	31085	5	1	43-39	79-21	81																		
TORONTO	RYC CRANE POLE, QUEENS QUAY	31177	4	1	43-39	79-21	81																		

TABLE A-3 (cont.) THE PARTICULATE (MONTHLY) NETWORK (1992)

1. LAB ANALYSIS ONE FOR GIVEN PARAMETER										ID = STATION IDENTIFICATION NUMBER										LONG = LONGITUDE (DEGREES:MINUTES)									
2. LAB ANALYSIS TWO FOR GIVEN PARAMETER										LAT = LATITUDE (DEGREES:MINUTES)										NOD 304									
3. LAB ANALYSIS THREE FOR GIVEN PARAMETER										ELEV = AIR INTAKE HEIGHT ABOVE GROUND (METERS)										FLR OM									
4. LAB ANALYSIS FOUR FOR GIVEN PARAMETER										ELEV TYP										OTHERS									
CITY	STATION NAME	ID	ELEV (M)	YR	TDF	CD	Cr	Fe	Mn	Nb	Ni	Pb	V	Zn	NO3	S04	FLR	OM											
SCARBOROUGH	MIDLAND/ARTILLERY	33051	3	43-49 79-17	89	1																							
SCARBOROUGH	WILSON/ST. JAMES	33052	3	43-49 79-17	89	1																							
SCARBOROUGH	YELLAND STREET	34030	5	43-42 79-31	88	1																							
NORTH YORK	QUEENSLA AVENUE	34031	5	43-42 79-31	88	1																							
NORTH YORK	CARROLL AVENUE	34032	5	43-42 79-32	88	1																							
NORTH YORK	21 HOLLEY STREET	34033	3	43-42 79-32	88	1																							
ETOBICOKE	MILLIAM AVENUE	35016	5	43-37 79-30	88	1																							
ETOBICOKE	60 JUDSON STREET	35017	5	43-37 79-30	88	1																							
ETOBICOKE	JUDSON STREET	35018	5	43-37 79-30	88	1																							
ETOBICOKE	24 HAROLD STREET	35019	5	43-37 79-30	88	1																							
YORK	40 KEITH AVENUE	36026	1	43-41 79-28	86	1																							
YORK	424 GILBERT AVENUE	36028	3	43-41 79-27	86	1																							
YORK	2487 LAKESHORE E/BRANK RD.	44005	1	43-29 79-38	71	1																							
OKAYVILLE	494 WINSTON CHURCHILL ROAD	44006	2	43-29 79-38	71	1																							
OKAYVILLE	HALTON SPORTSMAN STEELES AVE	44033	5	43-30 79-54	90																								
MILTON	HURST/STEELES AVENUE	44034	5	43-30 79-54	90																								
MILTON	#21 FIRST LINE/STEELES	44036	5	43-30 79-54	90																								
BURLINGTON	5223 HWY 5	44101	5	43-25 79-48	78																								
BURLINGTON	5236 HWY 5	44101	1	43-25 79-48	86																								
BURLINGTON	2282 ORCHARD ROAD	44102	1	43-28 79-48	86																								
BURLINGTON	LATLAM BPS YARD/HWY 5	44103	5	43-25 79-48	89																								
BURLINGTON	APPLEBY LINE/HARRISON	44104	5	43-24 79-48	89																								
BURLINGTON	HARRISON CT (N END)	44105	5	43-24 79-48	89																								
BURLINGTON	2 LAKE DRIVE	45042	2	43-53 78-40	68																								
BOURNVILLE	36 CEMENEST BEACH	45044	5	43-53 78-40	68																								
BOURNVILLE	COLE ROAD (HYDRO POLE)	45045	1	43-53 78-40	90	1																							
WHITBY	THICKSON ROAD (POLE #330)	45061	4	43-51 78-54	67	1																							
WHITBY	THICKSON ROAD (POLE #39)	45063	4	43-51 78-54	87	1																							
SUNDERLAND	HWY712 (MILKTON BECK)	45073	2	44-16 79-03	88																								
SUNDERLAND	1329 KENDALL ROAD	46008	5	43-36 79-34	72	1																							
MISSISSAUGA	VENTA AV/DENISE ROAD	46009	5	43-36 79-34	72	1																							
MISSISSAUGA	6 DUNDIX ROAD	46010	5	43-36 79-35	72	1																							
MISSISSAUGA	PS, HELTON DR/RAND	46011	4	43-36 79-34	72	1																							
MISSISSAUGA	2840 HWY 10/22	46027	2	43-30 79-38	77	1																							
MISSISSAUGA	SOUTHERN/DORE ROADS	46029	5	43-30 79-37	71	1																							
MISSISSAUGA	1233 KANE RD	46030	3	31-07 33-91	92	1																							
MISSISSAUGA	KANE RD (LESSO GATE)	46032	5	43-55 79-59	92	1																							
MISSISSAUGA	2365 DIXIE ROAD	46045	5	43-36 79-35	74	1																							
MISSISSAUGA	MISSISSAUGA RD	46046	12	43-55 79-59	92	1																							
MISSISSAUGA	MISSISSAUGA RD, S/PURT ST	46049	12	43-55 79-59	92	1																							
MISSISSAUGA	PINE AV/CRENSHAW STREET	46089	5	43-54 79-35	92	1																							
MISSISSAUGA	HARRISON/HIGH STREET	46051	5	43-33 79-35	88	1																							
MISSISSAUGA	130 QUEEN STREET WEST	46052	5	43-33 79-36	88	1																							
MISSISSAUGA	QUEEN STREET/PINE AVENUE	46053	5	43-32 79-36	88	1																							
MISSISSAUGA	206 QUEEN STREET	46054	5	43-32 79-36	88	1																							
MISSISSAUGA	BURNHAMTHORPE RD	46081	5	43-42 79-46	77																								
BRAMPTON	506 MAIN STREET NORTH (OPP)	46084	5	43-42 79-46	77																								

TABLE A-3 (cont.) THE PARTICULATE (MONTHLY) NETWORK (1992)

CITY	STATION NAME	ID	ELEV TYP	LAT	LONG	YR	TDF	Cd	Co	Cr	Cu	Fe	Mn	Na	Ni	Pb	V	Zn	M03	S04	FLR	OH	OTHERS
TIMMINS	GILLES STREET	72026	5	A	48-28	81-21	91	1															
THIRTHS	WATERBORD PLANT, HIGHWAY 101	72034	5	A	48-26	81-27	91	1															
HEARST	CUSTOM SAMMILL ROAD	72041	5	I	49-41	83-38	79	1															
KARISKASING	4TH STREET/17TH AVENUE	72060	4	I	49-24	82-25	80	1															
HEARST	CUSTOM SAMMILL (DOLLEBLANC)	72080	5	I	49-41	83-38	84	1															
HEARST	HIGHWAY 11/HIGHWAY 583	72082	6	A	49-41	83-38	84	1															
COCHRANE	3RD STREET/10TH AVENUE	72086	3	I	49-03	81-00	86	1															
COCHRANE	4TH STREET/17TH AVENUE	72087	3	I	49-03	81-00	86	1															
COCHRANE	4TH STREET/17TH AVENUE	72088	3	I	49-24	82-25	86	1															
HEARST	DETROIT STREET/17TH AVENUE	72089	3	I	49-03	81-00	86	1															
COCHRANE	DETROIT LAKE ROAD	72093	3	I	49-03	81-00	88	1															
COCHRANE	DETROIT LAKE ROAD	72096	3	I	49-03	81-00	90	1															
ENGELHART	HIGHWAY 11 PLANT GATE	72097	4	I	47-49	79-52	90	1															
ENGELHART	KAPRIGHAN ROAD, 50K S HWY 11	72098	4	I	47-49	79-52	90	1															
NEW LISKEARD	1169 LAKESHORE ROAD	75042	3	I	47-35	73-39	87	1															
NEW LISKEARD	LAKESHORE RD POLE #110	75043	3	I	47-38	73-40	87	1															
ESPANOLA	OLD AGE HOME, MCADPARK LAKE	75044	3	I	46-34	79-40	87	1															
SIBURY	NH DISPOSAL, POLES, LASALLE	77226	3	I	46-31	80-34	90	1															

TOTALS:

168 18 14 18 18 19 18 8 18 39 18 18 4 9 74 15

LEGEND:

TDF - Total Dustfall

Cd - Cadmium

Cr - Chromium

Cu - Copper

Mn - Manganese

Na - Sodium

Ni - Nickel

Pb - Lead

V - Vanadium

Zn - Zinc

S04 - Sulphate

FLR - Fluoridation Rate

OH - Optical Microscopy

OTHERS:

As - Arsenic
Ba - Barium
Be - Beryllium
F - Soluble Fluorides
K - Potassium
Li - Lithium
Mg - Magnesium
Mo - Molybdenum
Pb - Lead
Sb - Antimony
Se - Selenium
Sn - Tin
Ti - Titanium
U - Uranium

TABLE A-4 THE INHALABLE PARTICULATE (PM-10) NETWORK 1992

ID - STATION ID; YR - YEAR MONITORING BEGAN; LAT - LATITUDE (DEGREES-MINUTES); LONG - LONGITUDE (DEGREES-MINUTES)																											
ELEV - AIR INTAKE HEIGHT ABOVE GROUND (METERS)																											
CITY	STATION NAME	ID	YR	LAT	LONG	ELEV	IP	Cu	Fe	Mn	Pb	Cr	Cd	V	Ni	Zn	Ca	Ti	Br	Sr	Zr-Ba	Se	As	S04			
WINDSOR	140 ROSELAWN DRIVE	12056	91	42:15	83:01	11																					
	6200 DUNDAS STREET	12057	91	42:19	82:57	4																					
	1000 DUNDAS STREET	12058	90	42:17	82:16	4																					
	467 UNIVERSITY AVE WEST	12508	89	42:19	83:02	8																					
	3665 WYANDOTTE ST. E.	12513	92	42:19	83:00	6																					
WINDSOR	3665 WYANDOTTE ST. E.	12613 *	92	42:19	83:00	6																					
LONDON	801 COMMISSIONERS RD. E.	15516	90	42:57	81:13	4																					
WINDSOR	WALPOLE S.P.S., SANDUSK RD	27304	92	42:50	80:02	4																					
	KING ST	27308	91	43:10	79:15	12																					
	185 QUEEN ST. SOUTH	27352	90	43:07	79:12	1																					
	WINDSOR STREET	29302	90	43:15	83:00	4																					
	BEACH BLVD	29302	89	43:15	79:27	4																					
HAMILTON	GERTRUDE DEPEH STREET	29313	90	43:15	79:49	4																					
HAMILTON	BUCHANAN PARK P.S.	29324	92	43:14	79:53	4																					
TORONTO	BAY ST./GROSVENOR AVE	31127	89	43:40	79:23	3																					
ETOBICOKE	WINDSOR AVE	33127	90	43:35	79:31	1																					
ETOBICOKE	EVANS/ARNDT AVENUE	33127	90	43:35	79:31	1																					
OKAVILLE	BROUTE ROAD/BURN CRES.	44127	92	43:24	79:44	5																					
CORNWALL	MEMORIAL PK. BEDFORD/THIRD STS.	56051	92	45:01	74:44	4																					
FORT FRANCES	250 CHURCH STREET	63135	92	48:26	93:23	9																					
THUNDER BAY	615 JAMES ST. SOUTH	63201	89	48:23	89:17	4																					
SANIT STE MARIE	PANCHOISE BONNEY STREET	71342	89	46:31	84:23	1																					
SANIT STE MARIE	W. H. HEARFIELD SCHOOL	71368	89	46:32	84:21	3																					
SUDBURY	LISGAR ST	77326	91	46:29	80:59	8																					

Notes: Samplers operate on a 6-day sampling cycle
: * denotes a Co-located sampler.

LEGEND:

IP - Inhalable Particulate	Cr - Chromium	Ca - Calcium	Zr - Zirconium
Cu - Copper	Ti - Titanium	Cd - Cadmium	Ba - Barium
Fe - Iron	Br - Bromine	Mn - Manganese	Se - Selenium
Pb - Lead	Ni - Nickel	Sr - Strontium	As - Arsenic
	Zn - Zinc		S04 - Sulphate

TABLE A-5 THE METEOROLOGICAL NETWORK (1992)

ID - STATION ID NUMBER YR - YEAR MONITORING BEGAN
T - TELEMETRY L - DATA LOGGER

LAT - LATITUDE (DEGREES:MINUTES)

LONG - LONGITUDE (DEGREES:MINUTES)

CITY	STATION NAME	ID	YR	LAT	LONG	WS1	HT1	WS2	HT2	WS3	HT3	TEM	DT1
WINDSOR	WRIGHT/WATER ST.	12007	84	42:17	82:16	T	10	T	40	.	.	T	T
MERLIN	MOEE WATER PUMP STN, MIDDLE RD.	13021	77	42:15	82:13	T	9	.	.	.	.	.	.
COURTRIGHT	HWY 40 (OPP LAMBTON GS)	14016	75	42:48	82:29	T	10	T	30	T	90	T	T
PARKHILL	PUC BUILDING	15013	83	43:10	81:41	T	10	.	.	.	.	.	.
LONDON	800 COMMISSIONERS ST. (EFW PLANT)	15018	86	42:57	81:13	L	25	.	.	.	.	.	.
BEACHVILLE	26 VINE STREET (MOEE TRAILER)	17015	89	43:04	80:51	T	9	.	.	.	.	.	.
TIVERTON	BRUCE GS WEATHER STATION	18013	79	44:18	81:35	T	10	T	30	.	.	T	T
JARVIS	HYDRO MET TOWER (2KM NE JARVIS)	22883	84	42:54	80:05	T	10	.	.	T	85	T	.
LONG POINT	PROVINCIAL PARK	22901	79	42:35	80:23	T	10	.	.	T	85	T	.
NANTICOKE	RAINHAM ROAD (NEAR STELCO GATE)	22907	89	42:48	80:04	T	10	.	.	.	.	.	.
SMITHVILLE	NIAGARA WORKS YARD (2KM N. SMITHVILLE)	23005	90	43:07	79:32	T	10	.	.	.	.	.	.
VIOLET HILL	BRUCE GS WEATHER STATION	26048	89	44:06	80:06	T	10	.	.	.	.	.	.
CAMBRIDGE	CLYDE ROAD	26066	91	43:38	80:29	T	30	.	.	.	.	.	.
ALLANBURG	TRANSFORMER STATION HIGHWAY 58	27011	81	43:04	79:11	T	10	T	37	.	.	T	T
HAMILTON	BRAMPTON/WOODWARD	29026	75	43:15	79:46	T	10	T	30	T	91	T	T
TORONTO	ISLAND AIRPORT-ENVIRONMENT CANADA SITE	31025	75	43:38	79:23	T	10	.	.	.	.	.	.
TORONTO	BRUCE PS. 51 LARCHMOUNT AVENUE	31045	75	43:39	79:25	T	21	.	.	.	.	.	.
TORONTO	PERTH/RUSKIN (JUNCTION TRIANGLE)	31120	82	43:40	79:27	T	18	.	.	.	.	.	.
SCARBOROUGH	LAWRENCE/KENNEDY AVE.	33003	75	43:45	79:16	T	12	.	.	.	76	T	T
ETOBICOKE	EVANS/ARNOLD AVENUE	35033	75	43:37	79:31	T	10	T	30	T	91	T	T
OAKVILLE	BRONTE ROAD/HOBURN CRESCENT	44015	80	43:24	79:44	T	10	.	.	.	.	.	.
OSHAWA	PUBLIC SCHOOL, RITSON RD/OLIVE AVE.	45025	79	43:53	78:51	T	10	.	.	.	.	.	.
STOUFFVILLE	HIGHWAY 47 EAST OF HIGHWAY 48	48002	82	43:58	79:16	T	10	.	.	.	.	.	.
CORNWALL	861 WEST SECOND STREET	58065	76	45:01	74:44	T	9	.	.	.	.	.	.
PORT HOPE	FILTRATION PLANT, MARSH STREET	58031	79	43:56	78:18	T	10	.	.	.	.	.	.
DRYDEN	35 VAN HORNE AVENUE	61027	84	49:47	92:50	T	18	.	.	.	.	T	.
FORT FRANCES	EIGHTH STREET/CORNWALL AVENUE	62047	90	48:37	93:25	T	10	.	.	.	.	.	.
MARATHON	WATER TOWER	63033	78	48:43	86:23	T	8	.	.	.	.	.	.
RED ROCK	RECREATION CENTRE	63084	82	48:57	88:15	T	15	.	.	.	.	.	.
TERACE BAY	ST MARTIN SCHOOL	63090	81	48:47	87:05	T	12	.	.	.	.	T	.
THUNDER BAY	MTO 615 JAMES STREET SOUTH	63200	90	48:22	89:17	T	10	.	.	.	.	.	.
SCHREIBER	301 ONTARIO STREET, PS	63402	89	48:47	87:27	T	12	.	.	.	.	.	.
SAULT STE MARIE	WM. MERRIFIELD SCHOOL	71068	87	46:32	84:21	T	10	.	.	.	.	T	.
NORTH BAY	OPP STATION	75010	87	46:19	79:27	T	10	.	.	.	.	T	.
SUDBURY	HANMER	77013	82	46:39	80:57	T	10	.	.	.	.	T	.
SUDBURY	CXNC-TV, 699 FROOD ROAD	77025	73	46:30	81:00	T	10	.	.	T	115	T	T
SUDBURY	1412 STEPHEN STREET	77225	90	46:28	81:00	T	6	.	.	.	.	T	.

LEGEND:

WS1 - WIND SPEED AND DIRECTION BELOW 23 M
 WS2 - WIND SPEED AND DIRECTION 23 M TO 76 M
 WS3 - WIND SPEED AND DIRECTION ABOVE 76 M
 TEM - AMBIENT TEMPERATURE
 DT1 - TEMPERATURE DIFFERENCE LEVEL 2 MINUS LEVEL 1
 DT2 - TEMPERATURE DIFFERENCE LEVEL 3 MINUS LEVEL 1

HT1 - SENSOR HEIGHT (METERS) LEVEL 1
 HT2 - SENSOR HEIGHT (METERS) LEVEL 2
 HT3 - SENSOR HEIGHT (METERS) LEVEL 3

TABLE A-6 SULPHUR DIOXIDE (SO₂) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR - 1992		POLLUTANT - SULPHUR DIOXIDE				UNIT = PARTS/MILLION						NO. OF TIMES ABOVE CRITERIA		
STATION NUMBER	LOCATION	NO. OF DAYS	10	30	PERCENTILES				99	ARITH. MEAN	MAXIMUM	1HR	24HR	1YR
12007	WRIGHT/WATER ST WINDSOR	364	.000	.000	.000	.002	.008	.019	.004	0.06	0.02	0	0	0
12008	467 UNIVERSITY AV W WINDSOR	366	.000	.000	.000	.004	.010	.028	.006	0.08	0.02	0	0	0
12013	FILTRAT PLT.3665 WYANDOTTE ST E WINDSOR	359	.000	.000	.000	.000	.008	.025	.004	0.07	0.03	0	0	0
12016	COLLEGE/SOUTH ST WINDSOR	366	.000	.000	.001	.006	.013	.030	.007	0.07	0.03	0	0	0
14016	Hwy40 (OPP LAMBTON GS) COURTRIGHT	357	.000	.000	.000	.001	.011	.065	.006	0.21	0.07	0	0	0
14064	CENTENNIAL PK.FRONT ST/CN TRACKS SARVIA	366	.000	.000	.000	.003	.017	.098	.009	0.21	0.09	0	0	0
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON	366	.000	.000	.000	.002	.008	.019	.004	0.05	0.02	0	0	0
15015	951 COMMISSIONERS RD E LONDON	297	.000	.000	.000	.000	.004	.018	.002	0.05	0.02	0	0	0
15016	801 COMMISSIONERS RD E LONDON	297	.000	.000	.000	.000	.004	.019	.002	0.05	0.02	0	0	0
15017	8 MOUNTSFIELD DR LONDON	296	.000	.000	.000	.000	.005	.016	.002	0.05	0.02	0	0	0
18007	CONCESSION RD 2 LOT A TIVERTON	366	.000	.000	.000	.000	.000	.010	.001	0.04	0.01	0	0	0
22071	EXPERIMENTAL FARM SIMCOE	366	.000	.000	.000	.000	.007	.020	.003	0.06	0.03	0	0	0
22086	CHEAPSIDE RD(3 KM S OF HWY 3) NANTICOKE	366	.000	.000	.000	.002	.009	.032	.005	0.14	0.03	0	0	0
22094	TOWNLINE RD/CON 13 TOWNSEND	366	.000	.000	.000	.000	.007	.020	.003	0.07	0.03	0	0	0
22901	PROVINCIAL PARK LONG POINT	363	.000	.000	.000	.003	.009	.020	.005	0.06	0.03	0	0	0
22907	RAINHAM RD (NEAR STELCO GATE) NANTICOKE	348	.000	.000	.000	.000	.009	.036	.004	0.19	0.04	0	0	0
26045	WEBER/UNIVERSITY ST WATERLOO	188	.000	.000	.000	.003	.008	.019	.004	0.05	0.03	0	0	INS
26060	WEST AVE/HOMEWOOD KITCHENER	358	.000	.000	.000	.000	.008	.022	.003	0.07	0.04	0	0	0
27051	HOLY T CHURCH NORTON/PORTAGE CHIPPAWA	357	.000	.000	.000	.000	.006	.021	.002	0.09	0.02	0	0	0
27052	185 QUEEN ST S THOROLD	152	.000	.000	.001	.005	.009	.025	.006	0.06	0.02	0	0	INS
27055	STP GROUNDS, STANLEY AV NIAGARA FALLS	354	.000	.000	.000	.000	.008	.027	.003	0.09	0.03	0	0	0
27056	ALLENSDALE AV NIAGARA FALLS	363	.000	.000	.000	.002	.008	.019	.004	0.08	0.02	0	0	0
27067	ARGYLE CRES (PUMP STN) ST CATHARINES	366	.000	.000	.000	.003	.009	.025	.005	0.10	0.03	0	0	0
28028	EXHIBITION ST/CLARK ST GUELPH	362	.000	.000	.000	.000	.007	.019	.003	0.06	0.02	0	0	0
29000	ELGIN/KELLY ST HAMILTON	366	.000	.000	.000	.005	.015	.045	.007	0.13	0.03	0	0	0
29025	BARTON/WENTWORTH HAMILTON	365	.000	.000	.000	.005	.019	.059	.008	0.14	0.04	0	0	0
29102	467 BEACH BLVD HAMILTON	344	.000	.000	.002	.008	.025	.068	.011	0.15	0.05	0	0	0
29105	NASH RD/KENTLEY DR HAMILTON	366	.000	.000	.002	.006	.009	.025	.007	0.08	0.03	0	0	0

TABLE A-6 (cont.) SULPHUR DIOXIDE (SO₂) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY														
YEAR - 1992		POLLUTANT - SULPHUR DIOXIDE				UNIT = PARTS/MILLION							NO. OF TIMES ABOVE CRITERIA	
STATION NUMBER	LOCATION	NO. OF DAYS	10	30	PERCENTILES 50 70 90	99	ARITH-METIC MEAN	MAXIMUM 1HR	24HR	1HR	24HR	1HR	24HR	1YR
29114	VICKERS RD/EAST 18TH ST HAMILTON													
29118	MAIN ST W/HWY403 HAMILTON	366	.000	.000	.000	.004	.012	.038	.006	0.10	0.03	0	0	0
31103	BAY/GROSVENOR TORONTO	366	.000	.000	.000	.004	.009	.028	.006	0.08	0.04	0	0	0
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	363	.000	.000	.003	.006	.010	.028	.008	0.09	0.04	0	0	0
31190	CN TOWER, 301 FRONT ST W TORONTO	364	.000	.000	.000	.005	.009	.022	.006	0.06	0.03	0	0	0
32010	LEASIDE HYDRO STATION EAST YORK	362	.000	.000	.002	.006	.012	.049	.008	0.30	0.04	2	0	0
33003	LAWRENCE/KENNEDY SCARBORO	359	.000	.000	.000	.003	.008	.019	.004	0.06	0.02	0	0	0
33019	REDLAND CR (SCARB BLUFFS) SCARBORO	365	.000	.000	.000	.000	.006	.020	.003	0.07	0.03	0	0	0
34002	SC CTR, 770 DON MILLS RD NORTH YORK	51	.000	.000	.000	.001	.009	.026	.004	0.06	0.02	0	0	INS
34020	HENDON AVE (YONGE/FINCH) NORTH YORK	62	.000	.000	.000	.002	.008	.021	.004	0.10	0.02	0	0	INS
34025	35 EDGAR AVE NORTH YORK WEST	366	.000	.000	.000	.003	.009	.025	.005	0.17	0.03	0	0	0
35003	ELMCREST RD (CENTENNIAL PK) ETOBICOKE	361	.000	.000	.000	.003	.009	.029	.005	0.12	0.03	0	0	0
35033	EVANS/ARNOLD AV ETOBICOKE	366	.000	.000	.002	.006	.010	.027	.008	0.15	0.03	0	0	0
36030	CLEARVIEW HTGS/KEELE ST YORK	364	.000	.000	.000	.001	.008	.021	.004	0.06	0.02	0	0	0
44008	HWY2/NORTH SHORE BLVD E BURLINGTON	366	.000	.000	.002	.006	.010	.026	.007	0.11	0.03	0	0	0
44015	BRONTE RD/WOBURN CRES OAKVILLE	344	.000	.000	.000	.005	.009	.024	.006	0.08	0.03	0	0	0
45025	PS. RITSON RD/OLIVE AV OSHAWA	366	.000	.000	.000	.002	.008	.021	.004	0.06	0.03	0	0	0
46110	QUEENSWAY W/HURONTARIO ST MISSISSAUGA	366	.000	.000	.000	.000	.008	.018	.004	0.05	0.02	0	0	0
46117	MEADOW PK, APPLE LANE CLUB MISSISSAUGA	366	.000	.000	.000	.004	.009	.028	.006	0.18	0.03	0	0	0
47042	ARMOUR BLDG. PARK/PARKSIDE ST BARRIE	362	.000	.000	.000	.003	.009	.028	.005	0.13	0.03	0	0	0
48002	HWY47/E OF HWY48 STOUFFVILLE	45	.001	.003	.006	.008	.015	.027	.011	0.06	0.02	0	0	INS
51001	MCD GDS. RIDEAU/MURTEBURG ST OTTAWA	362	.000	.000	.000	.000	.007	.018	.003	0.09	0.03	0	0	0
56051	MEMORIAL PK BEDFORD/THIRD CORNWALL	366	.000	.000	.000	.000	.004	.013	.002	0.09	0.02	0	0	0
63200	MYC 615 JAMES ST S THUNDER BAY	366	.000	.000	.000	.000	.010	.064	.006	0.35	0.05	1	0	0
71068	WM. HERRIFIELD SCHOOL SAULT STE MARIE	361	.000	.000	.000	.000	.000	.008	.000	0.02	0.01	0	0	0
75010	OPP STN NORTH BAY	359	.000	.000	.000	.000	.001	.023	.002	0.06	0.02	0	0	0
77012	SKEAD SUDBURY	117	.000	.000	.000	.000	.005	.015	.002	0.07	0.01	0	0	INS
77013	HANMER SUDBURY	365	.000	.000	.000	.000	.009	.114	.006	0.41	0.06	9	0	0
77016	WATER TANK, ASH ST SUDBURY	365	.000	.000	.000	.000	.005	.069	.004	0.47	0.08	3	0	0
		363	.000	.000	.000	.000	.010	.093	.006	0.35	0.06	9	0	0

TABLE A-6 (cont.) SULPHUR DIOXIDE (SO₂) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY															
YEAR - 1992		POLLUTANT - SULPHUR DIOXIDE							UNIT = PARTS/MILLION				NO. OF TIMES ABOVE CRITERIA		
STATION NUMBER	LOCATION	NO. OF DAYS	10	30	50	70	90	99	ARITH-METIC MEAN	MAXIMUM 1HR	24HR	1HR	24HR	1YR	
77028	GOVERNMENT RD/EDWARD ST CONISTON	363	.000	.000	.000	.000	.000	.034	.002	0.32	0.02	1	0	0	
77065	FALCONBRIDGE RD GARSON	359	.000	.000	.000	.000	.008	.094	.005	0.38	0.04	4	0	0	
77075	KENNEDY ST NEW SUBURBY	365	.000	.000	.000	.000	.009	.093	.006	0.35	0.05	9	0	0	
77096	LONG LAKE RD (VILLA LOYOLA) SUBURBY	365	.000	.000	.000	.000	.008	.096	.006	0.81	0.08	16	0	0	
77201	MIKKOLA (J. HAMILTON SCHOOL) SUBURBY	365	.000	.000	.000	.000	.006	.105	.005	0.43	0.09	19	0	0	
77203	SCIENCE NORTH SUBURBY	365	.000	.000	.000	.000	.007	.069	.004	0.46	0.04	8	0	0	
77206	ST LAURENT/REGIONAL RD RAYSIDE	362	.000	.000	.000	.000	.001	.049	.003	0.56	0.04	2	0	0	
77218	LOT 2-PLAN M-1025 COPPER CLIFF	365	.000	.000	.000	.000	.015	.211	.010	0.63	0.18	64	3	0	
77220	GATCHELL SUBURBY	357	.000	.000	.000	.000	.008	.073	.005	0.38	0.05	11	0	0	
77225	1412 STEPHEN STREET SUBURBY	362	.000	.000	.000	.000	.009	.099	.006	0.45	0.09	17	0	0	

TABLE A-7 SUSPENDED PARTICLES (SP) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY															
YEAR - 1992		POLLUTANT - SOILING INDEX						UNIT = COHS/1000 FT							
STATION NUMBER	LOCATION	NO. OF DAYS	10	30	50	70	90	99	ARITH-METIC MEAN	MAXIMUM	1HR	24HR	NO. OF TIMES ABOVE CRITERIA		
													24HR	1YR	
12008	467 UNIVERSITY AV W WINDSOR	363	0.05	0.14	0.23	0.34	0.59	1.24	0.34	3.2	1.3		2	0	
12016	COLLEGE/SOUTH ST WINDSOR	363	0.07	0.16	0.26	0.39	0.70	1.88	0.40	4.8	1.4		8	0	
14064	CENTENNIAL PK.FRONT ST/CN TRACKS SARNIA	359	0.00	0.06	0.13	0.22	0.39	0.83	0.22	2.1	0.8		0	0	
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON	361	0.01	0.07	0.14	0.24	0.44	0.92	0.24	2.5	1.0		0	0	
22907	RAINHAM RD (NEAR STELCO GATE) NANTICOKE	314	0.01	0.07	0.14	0.24	0.43	0.78	0.23	2.9	0.7		0	0	
26045	WEBER/UNIVERSITY ST WATERLOO	192	0.00	0.05	0.11	0.18	0.33	0.69	0.19	1.5	0.6		0	INS	
26048	MONO-MULAR SCHOOL VIOLET HILL	160	0.00	0.00	0.04	0.09	0.20	0.46	0.11	1.6	0.4		0	INS	
26050	WEST AVE/HOMEWOOD KITCHENER	338	0.00	0.06	0.14	0.24	0.44	0.90	0.24	2.1	0.9		0	0	
27052	185 QUEEN ST S THOROLD	112	0.00	0.04	0.08	0.15	0.28	0.58	0.16	1.4	0.5		0	INS	
27055	STP GROUNDS, STANLEY AVE NIAGARA FALLS	358	0.01	0.09	0.18	0.30	0.54	1.08	0.29	2.3	0.9		0	0	
27056	ALLENDALE AV NIAGARA FALLS	355	0.01	0.07	0.13	0.21	0.37	0.71	0.21	1.5	0.8		0	0	
27067	ARGYLE CRES (PUMP STN) ST CATHARINES	350	0.02	0.08	0.15	0.25	0.46	1.07	0.26	2.8	1.6		2	0	
28028	EXHIBITION ST/CLARK ST GUELPH	321	0.00	0.05	0.11	0.20	0.38	0.70	0.20	2.0	0.6		0	0	

TABLE A-7 (cont.) SUSPENDED PARTICLES (SP) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY												
YEAR - 1992		POLLUTANT - SOILING INDEX				UNIT - COHS/1000 FT						
STATION NUMBER	LOCATION	NO. OF DAYS	10	30	50	70	90	99	ARITH-METIC MEAN	MAXIMUM 1HR	24HR	NO. OF TIMES ABOVE CRITERIA 24HR 1YR
29000	ELGIN/KELLY ST HAMILTON	341	0.06	0.17	0.29	0.48	0.88	1.79	0.45	3.5	1.8	14 0
29001	HUGHSON/HUNTER HAMILTON	339	0.03	0.16	0.26	0.41	0.75	1.51	0.39	2.4	1.8	7 0
29025	BARTON/MENTWORTH HAMILTON	351	0.07	0.21	0.34	0.53	0.89	1.78	0.48	4.0	1.6	13 0
29102	467 BEACH BLVD HAMILTON	346	0.03	0.15	0.30	0.51	0.87	1.54	0.44	2.9	1.2	3 0
29105	NASH RD/KENTLEY DR HAMILTON	352	0.07	0.16	0.24	0.35	0.61	1.31	0.35	2.9	1.4	2 0
29114	VICKERS RD/EAST 18TH ST HAMILTON	361	0.02	0.10	0.18	0.30	0.55	1.19	0.30	2.2	1.1	1 0
29118	MAIN ST W/HWY403 HAMILTON	355	0.02	0.12	0.23	0.41	0.88	1.82	0.41	2.7	1.6	14 0
31049	MISSION, 381 YONGE ST TORONTO	351	0.12	0.28	0.44	0.65	1.06	1.89	0.58	3.3	1.6	17 1
31103	BAY/GROSVEAUR TORONTO	363	0.06	0.17	0.27	0.40	0.69	1.32	0.39	2.7	1.1	1 0
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	358	0.04	0.14	0.23	0.36	0.63	1.41	0.35	3.5	1.3	1 0
31190	CN TOWER, 301 FRONT ST W TORONTO	352	0.00	0.07	0.18	0.30	0.53	1.05	0.28	3.4	0.9	0 0
32010	LEASIDE HYDRO STATION EAST YORK	343	0.02	0.13	0.23	0.39	0.70	1.43	0.36	3.0	1.4	2 0
33003	LAWRENCE/KENNEDY SCARBORO	340	0.02	0.11	0.19	0.30	0.57	1.12	0.30	2.9	0.8	0 0
34020	HENDON AVE (YONGE/FINCH) NORTH YORK	357	0.01	0.08	0.19	0.33	0.60	1.25	0.31	2.4	1.0	0 0
34025	35 EDGAR AVE NORTH YORK WEST	350	0.02	0.13	0.26	0.47	0.95	1.86	0.44	3.1	1.6	15 0
35003	ELMCREST RD (CENTENNIAL PK) ETOBICOKE	352	0.03	0.11	0.19	0.32	0.61	1.40	0.32	3.2	1.3	1 0
35033	EVANS/ARNOLD AV ETOBICOKE	353	0.08	0.19	0.32	0.49	0.85	1.73	0.46	3.9	1.3	11 0
36030	CLEARVIEW HTGS/KEELE ST YORK	355	0.04	0.15	0.25	0.40	0.75	1.79	0.40	3.4	1.2	4 0
44008	HWY2/NORTH SHORE BLVD E BURLINGTON	329	0.01	0.08	0.18	0.31	0.59	1.26	0.30	3.3	1.1	1 0
44015	BRONTE RD/WOBURN CRES OAKVILLE	359	0.02	0.11	0.21	0.35	0.67	1.43	0.34	3.0	1.2	2 0
45025	PS. RITSON RD/OLIVE AV OSHAWA	343	0.01	0.09	0.19	0.32	0.59	1.26	0.31	2.9	1.3	1 0
46110	QUEENSWAY W/HURONTARIO ST MISSISSAUGA	345	0.01	0.12	0.22	0.36	0.66	1.52	0.35	2.6	1.0	0 0
51001	MCD GDS, RIDEAU/WURTEMBERG ST OTTAWA	361	0.00	0.08	0.16	0.28	0.53	1.20	0.28	2.1	0.9	0 0
56051	MEMORIAL PK BEDFORD/THIRD CORNWALL	366	0.00	0.04	0.08	0.16	0.36	0.95	0.19	2.3	1.0	0 0
62030	PORTAGE/CHURCH ST FORT FRANCES	344	0.00	0.03	0.08	0.17	0.36	0.82	0.18	2.5	0.6	0 0
63200	MTC 615 JAMES ST S THUNDER BAY	364	0.00	0.05	0.11	0.21	0.46	1.00	0.23	2.3	0.9	0 0
71068	WM. MERRIFIELD SCHOOL SAULT STE MARIE	356	0.00	0.07	0.17	0.30	0.62	1.47	0.30	4.1	1.2	2 0
75010	OPP STN NORTH BAY	329	0.00	0.03	0.09	0.20	0.50	1.20	0.22	2.7	0.9	0 0

TABLE A-7 (cont.) SUSPENDED PARTICLES (SP) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR - 1992		POLLUTANT - SOILING INDEX							UNIT - COHS/1000 FT					
STATION NUMBER	LOCATION	NO. OF DAYS	PERCENTILES					ARITH- METIC MEAN	MAXIMUM		NO. OF TIMES ABOVE CRITERIA			
			10	30	50	70	90		99	1HR	24HR	24HR	1YR	
77203	SCIENCE NORTH SUBURBY	353	0.00	0.03	0.08	0.14	0.30	0.76	0.17	2.4	0.6	0	0	

TABLE A-8 TOTAL REDUCED SULPHUR (TRS) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR - 1992		POLLUTANT - TOTAL REDUCED SULPHUR					UNIT - PARTS/BILLION					EXCEEDANCES OF		
STATION	LOCATION	NO. OF			PERCENTILES					ARITH-	MAXIMUM		PULP MILL AQC	
NUMBER		DAYS	10	30	50	70	90	99	MEAN	1HR	24HR	1HR		
12007	WRIGHT/WATER ST WINDSOR	359	0.0	0.0	0.0	0.4	1.4	5.3	0.7	36	6	1		
12016	COLLEGE/SOUTH ST WINDSOR	356	0.0	0.0	0.0	0.4	1.4	4.6	0.7	13	5	0		
14064	CENTENNIAL PK. FRONT ST/CN TRACKS SARNIA	344	0.0	0.0	0.0	0.0	0.3	2.8	0.2	14	3	0		
18007	CONCESSION RD 2 LOT A TIVERTON	366	0.0	0.0	0.0	0.0	0.0	0.9	0.1	4	1	0		
18107	EUGENE FARM NOG 2TO INVERHURON	301	0.0	0.0	0.0	0.0	0.2	0.9	0.1	3	1	0		
22904	WALPOLE S PS. SANDUSK RD NANTICOKE	351	0.0	0.0	0.0	0.3	0.9	3.0	0.5	17	3	0		
22907	RAINHAM RD (NEAR STELCO GATE) NANTICOKE	354	0.0	0.0	0.2	0.7	1.9	7.0	1.0	20	5	0		
27051	HOLY T CHURCH, NORTON/PORTAGE CHIPPAWA	355	0.0	0.0	0.0	0.3	1.0	4.8	0.6	11	7	0		
27052	185 QUEEN ST S THOROLD	149	0.0	0.0	0.0	0.4	1.0	3.3	0.6	7	4	0		
27055	STP GROUNDS, STANLEY AV NIAGARA FALLS	346	0.0	0.0	0.2	0.9	3.2	15.1	1.5	56	15	18		
29000	ELGIN/KELLY ST HAMILTON	360	0.0	0.0	0.0	0.3	1.3	5.8	0.6	24	6	0		
29025	BARTON/WENTWORTH HAMILTON	349	0.0	0.0	0.4	1.0	2.7	6.8	1.3	42	7	2		
29102	467 BEACH BLVD HAMILTON	335	0.0	0.0	0.4	0.9	2.8	10.3	1.4	40	7	1		
29105	NASH RD/KENTLEY DR HAMILTON	336	0.0	0.0	0.0	0.4	1.0	2.5	0.6	13	3	0		
29114	VICKERS RD/EAST 18TH ST HAMILTON	366	0.0	0.0	0.0	0.2	0.9	4.8	0.5	20	6	0		
29118	MAIN ST W/HWY403 HAMILTON	348	0.0	0.0	0.0	0.0	0.9	3.4	0.4	13	5	0		
44015	BRONTE RD/WOBURN CRES OAKVILLE	366	0.0	0.0	0.0	0.4	0.9	2.3	0.5	15	3	0		
46117	MEADOW PK, APPLE LANE CLUB MISSISSAUGA	321	0.0	0.0	0.2	0.7	1.5	4.7	0.9	19	5	0		
56051	MEMORIAL PK BEDFORD/THIRD CORNWALL	366	0.0	0.3	1.1	2.0	4.0	12.2	2.2	133	11	26		
56068	SCHOOL, 435 SECOND ST W CORNWALL	310	0.0	1.2	2.4	3.8	6.9	33.5	4.2	232	17	155		
61027	35 VAN HORNE AV DROYEN	362	0.0	0.0	0.0	0.0	0.5	4.6	0.3	55	4	3		

TABLE A-8 (cont.) TOTAL REDUCED SULPHUR (TRS) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY												
YEAR - 1992		POLLUTANT - TOTAL REDUCED SULPHUR					UNIT = PARTS/BILLION					
STATION NUMBER	LOCATION	NO. OF DAYS	10	30	PERCENTILES				ARITH. METRIC MEAN	MAXIMUM 1HR	24HR	EXCEEDANCES OF PULP MILL AQC 1HR
					50	70	90	99				
62030	PORTAGE/CHURCH ST FORT FRANCES	366	0.0	0.0	0.0	1.3	13.6	46.8	4.2	234	39	310
62032	CEMETERY COLONIZATION RD W. FORT FRANCES	366	0.0	0.0	0.0	0.0	1.8	12.6	0.8	47	10	10
62047	EIGHTH ST/CORNWALL AVE FORT FRANCES	359	0.0	0.0	0.0	0.9	7.8	35.4	2.9	190	42	165
62051	110 VICTORIA AVE (HOSP) FORT FRANCES	348	0.0	0.0	0.0	0.0	2.8	20.3	1.3	70	11	44
63033	WATER TOWER MARATHON	346	0.0	0.0	0.0	0.0	0.6	8.7	0.5	61	7	9
63046	CAN-CAR, MONTREAL ST THUNDER BAY	347	0.0	0.0	0.0	0.0	2.4	15.4	1.0	43	10	12
63084	RECREATION CENTRE RED ROCK	360	0.0	0.0	0.0	0.2	5.4	27.8	2.0	110	23	89
63090	ST MARTIN SCHOOL TERRACE BAY	366	0.0	0.0	0.0	0.0	3.7	27.9	1.7	117	16	96
63093	MILL RD/SOUTH CAMP RD TERRACE BAY	359	0.0	0.0	0.0	0.8	12.1	80.3	4.9	243	65	404
63200	MTG 615 JAMES ST S THUNDER BAY	361	0.0	0.0	0.0	0.0	0.5	3.5	0.3	22	6	0
71068	WM. HERRIFIELD SCHOOL SAULT STE MARIE	328	0.0	0.0	0.0	0.0	0.7	2.8	0.3	14	2	0
72084	ROSS RD SMOOTH ROCK FALLS	329	0.0	0.0	0.0	0.0	0.8	5.1	0.4	31	4	1
77203	SCIENCE NORTH SUDBURY	357	0.0	0.0	0.0	0.0	0.0	0.9	0.1	7	2	0

TABLE A-9 CARBON MONOXIDE (CO) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY												
YEAR - 1992		POLLUTANT - CARBON MONOXIDE					UNIT = PARTS/MILLION					
STATION NUMBER	LOCATION	NO. OF DAYS	10	30	PERCENTILES				ARITH. METRIC MEAN	MAXIMUM 1HR	24HR	NO. OF TIMES ABOVE CRITERIA 1HR 24HR
					50	70	90	99				
12008	467 UNIVERSITY AVE W WINDSOR	366	0.0	0.1	0.4	0.7	1.0	2.9	0.9	9	5	0 0
14064	CENTENNIAL PK. FRONT ST/CN TRACKS SARNIA	366	0.0	0.0	0.0	0.0	0.7	1.0	0.3	4	2	0 0
15001	WM. FAIR GROUNDS, KING/RECTORY LONDON	358	0.0	0.0	0.1	0.5	0.9	1.8	0.6	5	3	0 0
26060	WEST AVE/HOMEWOOD KITCHENER	345	0.0	0.0	0.0	0.3	0.8	1.7	0.4	6	3	0 0
27067	ARGYLE CRES (PUMP STN) ST CATHARINES	366	0.0	0.0	0.0	0.4	0.8	1.8	0.5	5	4	0 0
29000	ELGIN/KELLY ST HAMILTON	365	0.1	0.3	0.6	0.9	1.6	2.9	1.2	6	4	0 0
29118	MAIN ST W/HWY403 HAMILTON	342	0.0	0.0	0.2	0.6	1.0	2.4	0.7	5	4	0 0
31049	MISSION, 381 YONGE ST TORONTO	353	0.2	0.7	1.2	1.8	2.9	6.2	1.9	12	8	0 0
31103	BAY/GROSVENOR TORONTO	359	0.0	0.2	0.5	0.8	1.2	2.3	1.0	7	3	0 0
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	364	0.0	0.0	0.3	0.6	1.0	2.3	0.8	7	5	0 0

TABLE A-9 (cont.) CARBON MONOXIDE (CO) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY													
YEAR - 1992		POLLUTANT - CARBON MONOXIDE			UNIT = PARTS/MILLION								
STATION NUMBER	LOCATION	NO. OF DAYS	PERCENTILES						ARITH-METIC MEAN	MAXIMUM		NO. OF TIMES ABOVE CRITERIA	
			10	30	50	70	90	99		1HR	8HR		
31190	CN TOWER, 301 FRONT ST W TORONTO	357	0.0	0.0	0.3	0.6	0.9	2.7	0.8	4	3	0	0
32010	LEASIDE HYDRO STATION EAST YORK	343	0.0	0.3	0.5	0.8	1.5	2.8	1.1	5	4	0	0
33003	LAWRENCE/KENNEDY SCARBORO	361	0.0	0.0	0.3	0.7	1.0	2.3	0.8	6	3	0	0
34002	SC CTR, 770 DON MILLS RD NORTH YORK	62	0.0	0.0	0.2	0.5	0.9	1.8	0.5	3	2	0	0
34020	HENDON AVE (YONGE/FINCH) NORTH YORK	366	0.0	0.2	0.5	0.8	1.2	2.6	1.0	6	4	0	0
34025	35 EDGAR AVE NORTH YORK WEST	361	0.1	0.4	0.6	0.9	1.6	2.9	1.2	9	5	0	0
35003	ELMCREST RD (CENTENNIAL PK) ETOBICOKE	364	0.0	0.0	0.1	0.5	0.9	1.9	0.6	6	3	0	0
35033	EVANS/ARNOLD AV ETOBICOKE	362	0.0	0.1	0.4	0.7	1.0	2.3	0.9	7	3	0	0
36030	CLEARVIEW HTGS/KEELE ST YORK	361	0.0	0.2	0.5	0.7	1.2	2.9	1.0	12	4	0	0
44008	HWY2/NORTH SHORE BLVD E BURLINGTON	358	0.0	0.0	0.2	0.5	0.9	1.6	0.7	7	2	0	0
44015	BRONTE RD/WOBURN CRES OAKVILLE	366	0.0	0.0	0.0	0.0	0.7	1.6	0.3	4	2	0	0
45025	PS, RITSON RD/OLIVE AV OSHAWA	362	0.0	0.2	0.4	0.7	1.0	2.3	0.9	8	5	0	0
46110	QUEENSWAY W/HURONTARIO ST MISSISSAUGA	360	0.0	0.3	0.5	0.8	1.5	3.0	1.1	7	4	0	0
51001	MCD GDS., RIDEAU/WURTEMBURG ST OTTAWA	366	0.1	0.3	0.5	0.8	1.1	2.4	1.1	7	4	0	0
56051	MEMORIAL PK BEDFORD/THIRD CORNWALL	366	0.0	0.0	0.0	0.1	0.8	4.7	0.5	11	6	0	0
63046	CAN-CAR, MONTREAL ST THUNDER BAY	366	0.0	0.0	0.0	0.0	0.7	1.5	0.3	6	3	0	0
63200	HTC 615 JAMES ST S THUNDER BAY	319	0.0	0.0	0.0	0.0	0.3	1.3	0.2	8	3	0	0
75010	OPP STN NORTH BAY	121	0.0	0.0	0.0	0.1	0.8	2.6	0.4	7	3	0	0
77203	SCIENCE NORTH SUDBURY	363	0.0	0.0	0.0	0.0	0.0	1.0	0.1	4	2	0	0

TABLE A-10 TOTAL HYDROCARBON (THC) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY													
YEAR - 1992		POLLUTANT - TOTAL HYDROCARBONS			UNIT = PARTS/MILLION								
STATION NUMBER	LOCATION	NO. OF DAYS	PERCENTILES						ARITH-METIC MEAN	MAXIMUM			
			10	30	50	70	90	99		1HR	24HR		
29000	ELGIN/KELLY ST HAMILTON	312	1.53	1.66	1.77	1.87	2.04	2.53	1.84	3.7	2.5		
31103	BAY/GROSVENOR TORONTO	355	1.31	1.48	1.61	1.76	2.02	2.52	1.69	4.0	2.4		
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	358	1.31	1.51	1.69	1.88	2.23	3.59	1.81	6.0	3.0		
35033	EVANS/ARNOLD AV ETOBICOKE	357	1.83	2.01	2.13	2.28	2.62	3.45	2.24	4.7	3.1		
44015	BRONTE RD/WOBURN CRES OAKVILLE	354	1.41	1.54	1.67	1.86	2.26	3.27	1.82	6.3	2.9		
46117	MEADOW PK., APPLE LANE CLUB MISSISSAUGA	355	0.90	1.02	1.16	1.36	1.79	3.21	1.34	8.1	3.0		

TABLE A-11 REACTIVE HYDROCARBON (RHC) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY												
YEAR - 1992		POLLUTANT - REACTIVE HYDROCARBONS							UNIT - PARTS/MILLION			
STATION NUMBER	LOCATION	NO. OF DAYS	10		PERCENTILES		90	99	ARITH-METIC MEAN	1HR	24HR	
			30	50	70	90						
29000	ELGIN/KELLY ST HAMILTON	312	0.03	0.10	0.14	0.17	0.26	0.49	0.19	1.7	0.6	

TABLE A-12 NITROGEN DIOXIDE (NO₂) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY														
YEAR - 1992		POLLUTANT - NITROGEN DIOXIDE					UNIT - PARTS/MILLION					NO. OF TIMES ABOVE CRITERIA		
STATION NUMBER	LOCATION	NO. OF DAYS	10		PERCENTILES		90	99	ARITH- METIC MEAN	MAXIMUM 1HR	24HR			
			30	50	70									
12008	467 UNIVERSITY AV W WINDSOR	362	.006	.014	.019	.025	.036	.054	.025	.08	.05	0	0	
14064	CENTENNIAL PK. FRONT ST/CN TRACKS SARNIA	366	.002	.007	.012	.019	.032	.049	.020	.07	.05	0	0	
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON	366	.001	.006	.011	.018	.029	.048	.018	.09	.05	0	0	
15013	PUC BLDG PARKHILL	359	.000	.000	.002	.007	.015	.030	.008	.07	.03	0	0	
22071	EXPERIMENTAL FARM SIMCOE	365	.000	.002	.005	.008	.014	.027	.010	.05	.03	0	0	
22086	CHEAPSIDE RD(3 KM S OF HWY 3) NANTICOKE	359	.001	.004	.007	.010	.017	.028	.013	.05	.03	0	0	
22901	PROVINCIAL PARK LONG POINT	358	.000	.000	.000	.005	.011	.027	.006	.05	.03	0	0	
26060	WEST AVE/HOMEWOOD KITCHENER	356	.000	.004	.008	.014	.025	.041	.015	.06	.04	0	0	
27067	ARGYLE CRES (PUMP STN) ST CATHARINES	357	.000	.002	.006	.011	.020	.037	.012	.07	.04	0	0	
29000	ELGIN/KELLY ST HAMILTON	366	.001	.007	.013	.019	.029	.045	.019	.07	.05	0	0	
29102	467 BEACH BLVD HAMILTON	347	.000	.007	.014	.022	.032	.048	.020	.08	.04	0	0	
29114	VICKERS RD/EAST 18TH ST HAMILTON	321	.000	.005	.009	.016	.027	.048	.017	.09	.05	0	0	
29118	MAIN ST W/HWY403 HAMILTON	360	.001	.006	.011	.019	.030	.048	.018	.08	.05	0	0	
31049	MISSION, 381 YONGE ST TORONTO	356	.008	.017	.025	.033	.046	.068	.031	.11	.08	0	0	
31103	BAY/GROSVENOR TORONTO	361	.007	.015	.021	.027	.038	.056	.027	.11	.07	0	0	
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	356	.007	.015	.021	.028	.038	.058	.027	.10	.06	0	0	
31190	CN TOWER, 301 FRONT ST W TORONTO	362	.000	.000	.000	.005	.013	.029	.006	.10	.02	0	0	
32010	LEASIDE HYDRO STATION EAST YORK	359	.004	.013	.020	.028	.039	.063	.027	.16	.08	0	0	
33003	LAWRENCE/KENNEDY SCARBORO	365	.000	.006	.013	.019	.029	.050	.019	.09	.06	0	0	
34002	SC CTR, 770 DON HILLS RD NORTH YORK	62	.007	.016	.022	.028	.036	.048	.027	.08	.05	0	0	
34020	HENDON AVE (YONGE/FINCH) NORTH YORK	366	.002	.009	.017	.026	.039	.059	.024	.09	.06	0	0	
34025	35 EDGAR AVE NORTH YORK WEST	353	.003	.010	.020	.028	.038	.057	.025	.11	.07	0	0	
35003	ELMCREST RD (CENTENNIAL PK) ETOBICOKE	366	.005	.013	.020	.027	.038	.057	.026	.12	.06	0	0	

TABLE A-12 (cont.) NITROGEN DIOXIDE (NO₂) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR - 1992		POLLUTANT - NITROGEN DIOXIDE							UNIT = PARTS/MILLION				NO. OF TIMES ABOVE CRITERIA	
STATION NUMBER	LOCATION	NO. OF DAYS	10	30	PERCENTILES				ARITH-METIC MEAN	MAXIMUM 1HR	MAXIMUM 24HR	1HR	24HR	
35033	EVANS/ARNOLD AV ETOBICOKE	364	.005	.013	.019	.025	.035	.055	.025	.10	.06	0	0	
36030	CLEARVIEW HTGS/KEELE ST YORK	365	.005	.014	.020	.028	.039	.059	.027	.11	.07	0	0	
44008	HWY2/NORTH SHORE BLVD E BURLINGTON	346	.003	.009	.015	.022	.034	.053	.022	.09	.05	0	0	
44015	BRONTE RD/WOBURN CRES OAKVILLE	302	.000	.004	.009	.016	.025	.038	.016	.09	.04	0	0	
45025	PS. RITSON RD/OLIVE AV OSHAWA	366	.000	.006	.012	.019	.030	.051	.018	.09	.05	0	0	
46110	QUEENSWAY W/HURONTARIO ST MISSISSAUGA	366	.004	.011	.016	.022	.033	.049	.023	.10	.06	0	0	
48002	HWY47/E OF HWY48 STOUFFVILLE	356	.001	.005	.008	.012	.022	.038	.015	.07	.04	0	0	
51001	MCD GDS. RIDEAU/HURTEMBURG ST OTTAWA	366	.000	.005	.010	.017	.028	.045	.017	.11	.05	0	0	
56051	MEMORIAL PK BEDFORD/THIRD CORNWALL	366	.000	.000	.003	.008	.019	.041	.010	.08	.04	0	0	
63200	MTC 615 JAMES ST S THUNDER BAY	345	.000	.000	.005	.010	.020	.039	.011	.08	.04	0	0	
71068	WM. MERRIFIELD SCHOOL SAULT STE MARIE	333	.000	.000	.005	.010	.021	.037	.011	.07	.03	0	0	
75010	OPP STN NORTH BAY	121	.000	.000	.004	.010	.025	.043	.012	.08	.03	0	0	
77203	SCIENCE NORTH SUDBURY	360	.000	.000	.003	.007	.016	.036	.009	.08	.03	0	0	

TABLE A-13 NITRIC OXIDE (NO) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR - 1992		POLLUTANT - NITRIC OXIDE							UNIT = PARTS/MILLION					
STATION NUMBER	LOCATION	NO. OF DAYS	10	30	PERCENTILES 50			90	99	ARITH- METIC MEAN	MAXIMUM 1HR	MAXIMUM 24HR		
12008	467 UNIVERSITY AV W WINDSOR	362	.000	.003	.007	.012	.034	.129	.018		0.49	0.14		
14064	CENTENNIAL PK, FRONT ST/CN TRACKS SARNIA	366	.000	.000	.000	.003	.014	.061	.007		0.23	0.07		
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON	366	.000	.000	.002	.008	.030	.114	.013		0.37	0.13		
15013	PUC BLDG PARKHILL	359	.000	.000	.000	.000	.000	.012	.001		0.11	0.02		
22071	EXPERIMENTAL FARM SIMCOE	365	.000	.000	.000	.000	.005	.016	.002		0.07	0.02		
22086	CHEAPSIDE RD(3 KM S OF HWY 3) NANTICOKE	359	.000	.000	.000	.002	.008	.018	.004		0.09	0.02		
22901	PROVINCIAL PARK LONG POINT	349	.000	.000	.000	.000	.000	.014	.001		0.10	0.02		
26060	WEST AVE/HOMEWOOD KITCHENER	356	.000	.000	.000	.000	.011	.072	.006		0.22	0.07		
27067	ARGYLE CRES (PUMP STN) ST CATHARINES	357	.000	.000	.000	.008	.029	.140	.014		0.54	0.23		
29000	ELGIN/KELLY ST HAMILTON	366	.000	.000	.001	.009	.034	.133	.015		0.32	0.10		

TABLE A-13 (cont.) NITRIC OXIDE (NO) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR - 1992		POLLUTANT - NITRIC OXIDE				UNIT = PARTS/MILLION					MAXIMUM	
STATION NUMBER	LOCATION	NO. OF DAYS	10	30	PERCENTILES 50 70	90	99	ARITH- METIC MEAN			1HR	24HR
29102	467 BEACH BLVD HAMILTON	347	.000	.000	.005	.018	.047	.112	.019		0.38	0.08
29114	VICKERS RD/EAST 18TH ST HAMILTON	321	.000	.000	.000	.004	.019	.075	.008		0.21	0.06
29118	MAIN ST W/HWY403 HAMILTON	363	.000	.000	.006	.018	.075	.225	.028		0.50	0.18
31049	MISSION, 381 YONGE ST TORONTO	356	.010	.025	.040	.065	.120	.232	.060		0.39	0.20
31103	BAY/GROSVEENOR TORONTO	361	.000	.006	.012	.023	.051	.123	.025		0.24	0.10
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	356	.000	.003	.008	.017	.048	.160	.023		0.62	0.15
31190	CN TOWER, 301 FRONT ST W TORONTO	362	.000	.000	.000	.000	.003	.033	.002		0.42	0.02
32010	LEASIDE HYDRO STATION EAST YORK	359	.000	.000	.007	.021	.063	.194	.026		0.45	0.15
33003	LAWRENCE/KENNEDY SCARBORO	365	.000	.000	.009	.021	.058	.166	.025		0.49	0.11
34002	SC CTR, 770 DON HILLS RD NORTH YORK	62	.000	.000	.001	.010	.036	.115	.015		0.36	0.11
34020	HENDON AVE (YONGE/FINCH) NORTH YORK	366	.000	.000	.006	.016	.052	.158	.021		0.43	0.17
34025	35 EDGAR AVE NORTH YORK WEST	352	.003	.012	.023	.039	.098	.246	.045		0.78	0.27
35003	ELMCREST RD (CENTENNIAL PK) ETOBICOKE	366	.000	.000	.005	.019	.065	.202	.025		0.51	0.16
35033	EVANS/ARNOLD AV ETOBICOKE	364	.001	.008	.018	.035	.083	.214	.038		0.65	0.17
36030	CLEARVIEW HTGS/KEELE ST YORK	365	.000	.001	.007	.017	.067	.246	.027		0.65	0.19
44008	HWY2/NORTH SHORE BLVD E BURLINGTON	346	.000	.000	.002	.009	.036	.139	.016		0.51	0.10
44015	BRONTE RD/WOBURN CRES OAKVILLE	302	.000	.000	.000	.006	.031	.141	.013		0.33	0.12
45025	PS, RITSON RD/OLIVE AV OSHAWA	366	.000	.000	.002	.009	.030	.111	.014		0.37	0.14
46110	QUEENSWAY W/HURONTARIO ST MISSISSAUGA	366	.000	.000	.005	.015	.057	.191	.022		0.49	0.14
48002	HWY47/E OF HWY48 STOUFFVILLE	356	.000	.000	.000	.002	.009	.042	.005		0.26	0.04
51001	MCD GDS, RIDEAU/WURTEMBERG ST OTTAWA	366	.000	.000	.000	.006	.024	.112	.011		0.34	0.08
56051	MEMORIAL PK BEDFORD/THIRD CORNWALL	366	.000	.000	.000	.000	.014	.110	.008		0.70	0.09
63200	MTC 615 JAMES ST S THUNDER BAY	343	.000	.000	.000	.007	.024	.112	.011		0.33	0.09
71068	WM. HERRIFIELD SCHOOL SAULT STE MARIE	330	.000	.000	.000	.000	.011	.067	.006		0.25	0.07
75010	OPP STN NORTH BAY	121	.000	.000	.001	.006	.023	.107	.012		0.31	0.05
77203	SCIENCE NORTH SUDBURY	351	.000	.000	.000	.000	.007	.054	.004		0.22	0.04

TABLE A-14 TOTAL NITROGEN OXIDES (NO_x) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY												
YEAR - 1992		POLLUTANT - NITROGEN OXIDES					UNIT = PARTS/MILLION					
STATION NUMBER	LOCATION	NO. OF DAYS	10	30	PERCENTILES 50	70	90	99	ARITH- METIC MEAN	1HR	MAXIMUM 24HR	
12008	467 UNIVERSITY AV W WINDSOR	362	.013	.023	.030	.041	.067	.166	.042	0.48	0.14	
14064	CENTENNIAL PK. FRONT ST/CN TRACKS SARNIA	366	.002	.008	.015	.026	.049	.102	.026	0.28	0.09	
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON	366	.004	.012	.020	.031	.061	.149	.034	0.42	0.16	
15013	PVC BLDG PARKHILL	359	.000	.000	.000	.006	.016	.038	.008	0.13	0.04	
22071	EXPERIMENTAL FARM SINCE	365	.000	.003	.006	.009	.018	.038	.013	0.10	0.04	
22086	CHEAPSIDE RD(3 KM S OF HWY 3) NAHTICOKE	359	.001	.006	.010	.016	.023	.045	.017	0.12	0.05	
22901	PROVINCIAL PARK LONG POINT	357	.000	.000	.001	.006	.015	.035	.008	0.10	0.05	
26060	WEST AVE/HOMEWOOD KITCHENER	356	.001	.005	.010	.018	.039	.108	.022	0.27	0.11	
27067	ARGYLE CRES (PUMP STN) ST CATHARINES	357	.001	.006	.012	.022	.049	.165	.027	0.59	0.27	
29000	ELGIN/KELLY ST HAMILTON	366	.002	.010	.019	.032	.064	.173	.033	0.37	0.13	
29102	467 BEACH BLVD HAMILTON	347	.000	.009	.026	.046	.078	.148	.038	0.44	0.10	
29114	VICKERS RD/EAST 18TH ST HAMILTON	321	.000	.006	.012	.022	.048	.114	.024	0.28	0.10	
29118	MAIN ST W/HWY403 HAMILTON	363	.003	.012	.023	.044	.106	.262	.047	0.54	0.21	
31049	MISSION, 381 YONGE ST TORONTO	356	.028	.051	.072	.102	.161	.287	.091	0.48	0.23	
31103	BAY/GROSVENOR TORONTO	361	.014	.027	.039	.056	.089	.167	.052	0.30	0.16	
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	355	.013	.023	.033	.048	.087	.213	.049	0.66	0.19	
31190	CN TOWER, 301 FRONT ST W TORONTO	362	.000	.000	.003	.008	.020	.062	.011	0.53	0.05	
32010	LEASIDE HYDRO STATION EAST YORK	359	.006	.018	.032	.054	.105	.245	.052	0.51	0.19	
33003	LAWRENCE/KENNEDY SCARBORO	365	.004	.016	.030	.048	.092	.210	.046	0.55	0.14	
34002	SC CTR, 770 DON MILLS RD NORTH YORK	62	.009	.018	.030	.044	.072	.160	.043	0.41	0.15	
34020	HENDON AVE (YONGE/FINCH) NORTH YORK	366	.004	.013	.027	.047	.092	.200	.045	0.50	0.20	
34025	35 EDGAR AVE NORTH YORK WEST	352	.013	.030	.047	.076	.135	.267	.069	0.77	0.27	
35003	ELMCREST RD (CENTENNIAL PK) ETOBICOKE	366	.007	.018	.031	.052	.102	.246	.051	0.57	0.22	
35033	EVANS/ARNOLD AV ETOBICOKE	364	.013	.028	.044	.065	.118	.267	.063	0.68	0.19	
36030	CLEARVIEW HTGS/KEELE ST YORK	365	.012	.021	.032	.050	.105	.290	.055	0.70	0.23	
44008	HWY2/NORTH SHORE BLVD E BURLINGTON	346	.003	.012	.020	.035	.069	.177	.036	0.55	0.13	
44015	BRONTE RD/WOBURN CRES OAKVILLE	302	.000	.007	.015	.028	.061	.170	.030	0.38	0.15	
45025	PS, RITSON RD/OLIVE AV OSHAWA	366	.002	.009	.019	.033	.063	.149	.033	0.43	0.17	
46110	QUEENSWAY W/HURONTARIO ST MISSISSAUGA	366	.006	.016	.026	.041	.088	.226	.044	0.52	0.18	

TABLE A-14 (cont.) TOTAL NITROGEN OXIDES (NO_x) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY												
YEAR - 1992		POLLUTANT - NITROGEN OXIDES				UNIT = PARTS/MILLION						
STATION NUMBER	LOCATION	NO. OF DAYS	PERCENTILES							ARITH-METIC MEAN	MAXIMUM	
			10	30	50	70	90	99			1HR	24HR
48002	HWY47/E OF HWY48 STOUFFVILLE											
51001	MCD. GDS. RIDEAU/MURTEMBURG ST OTTAWA	356	.001	.006	.011	.017	.030	.073	.019		0.25	0.06
56051	MEMORIAL PK BEDFORD/THIRD CORNWALL	365	.001	.007	.014	.025	.052	.153	.028		0.44	0.11
63200	MTG 615 JAMES ST S THUNDER BAY	366	.000	.002	.006	.012	.039	.142	.019		0.71	0.12
71068	WM. HERRIFIELD SCHOOL SAULT STE MARIE	345	.000	.005	.011	.021	.048	.144	.025		0.37	0.13
75010	OPP STN NORTH BAY	333	.000	.001	.007	.016	.036	.100	.018		0.29	0.10
77203	SCIENCE NORTH SUDBURY	121	.000	.004	.009	.018	.051	.151	.024		0.37	0.08
		360	.000	.001	.005	.009	.024	.094	.014		0.30	0.06

TABLE A-15 OZONE (O₃) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY														
YEAR - 1992		POLLUTANT - OZONE				UNIT = PARTS/BILLION								NO. OF TIMES ABOVE CRITERIA 1HR
STATION NUMBER	LOCATION	NO. OF DAYS	PERCENTILES				ARITH-METIC MEAN	MAXIMUM						
			10	30	50	70		90	99	1HR	24HR			
12008	467 UNIVERSITY AV W WINDSOR													
12016	COLLEGE/SOUTH ST WINDSOR	363	0.2	3.7	10.9	19.2	34.2	68.6	15.1	103	57	24		
13021	MOEE WATER PUMP STN, MIDDLE RD MERLIN	366	0.0	4.0	12.2	21.3	38.4	75.4	16.7	125	67	62		
14064	CENTENNIAL PK, FRONT ST/CN TRACKS SARNIA	366	4.8	14.9	22.9	29.9	43.4	68.3	24.3	92	71	26		
14118	CONCESSION RD 26 MANDAMUN	366	1.6	10.7	19.6	27.8	39.7	67.4	21.3	96	56	16		
15001	WM FAIR GROUNDS, KING/RECTORY LONDON	359	5.3	14.2	21.9	29.0	40.6	70.7	23.5	108	64	46		
15009	LONGWOODS CONSERVATION LONGWOODS	364	2.2	9.8	18.3	26.1	39.1	64.7	20.3	94	64	15		
15013	PUC BLDG PARKHILL	363	5.3	16.9	25.1	32.7	45.0	70.6	26.2	99	70	45		
15020	WATER TREATMENT PLANT GRAND BEND	359	5.0	15.6	24.5	32.2	44.5	75.1	25.7	111	74	51		
18007	CONCESSION RD 2 LOT A TIVERTON	365	8.9	20.4	28.6	36.1	47.3	78.0	29.7	122	79	80		
22071	EXPERIMENTAL FARM SIMCOE	366	13.1	24.6	31.0	39.2	51.7	89.9	33.4	129	95	159		
22901	PROVINCIAL PARK LONG POINT	356	7.7	17.6	24.7	30.9	42.0	67.4	25.7	106	84	25		
26045	WEBER/UNIVERSITY ST WATERLOO	345	10.4	21.9	29.4	37.6	55.9	89.1	32.3	133	103	179		
26060	WEST AVE/HOMERODD KITCHENER	198	0.7	9.6	16.6	23.2	33.1	58.3	18.0	82	56	1		
27056	ALLENDALE AV NIAGARA FALLS	338	1.9	13.3	22.0	29.7	39.9	65.2	22.7	99	64	16		
27067	ARGYLE CRES (PUMP STN) ST CATHARINES	342	3.5	13.0	21.0	29.0	43.2	71.2	23.2	110	77	34		
28028	EXHIBITION ST/CLARK ST GUELPH	354	0.3	8.8	17.7	25.0	37.8	66.0	19.3	107	76	24		
		342	1.5	12.5	21.1	30.7	43.0	71.0	23.2	109	71	46		

TABLE A-15 (cont.) OZONE (O₃) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY												
YEAR · 1992		POLLUTANT · OZONE		UNIT = PARTS/BILLION								
STATION NUMBER	LOCATION	NO. OF DAYS	10	PERCENTILES				ARITH- METIC MEAN	MAXIMUM 1HR	24HR	NO. OF TIMES ABOVE CRITERIA 1HR	
				30	50	70	90					
29000	ELGIN/KELLY ST HAMILTON	364	0.5	6.3	14.5	22.2	34.6	60.9	16.9	100	66	7
29105	NASH RD/KENTLEY DR HAMILTON	353	0.0	6.4	15.1	23.6	35.6	58.1	17.2	103	64	7
29114	VICKERS RD/EAST 18TH ST HAMILTON	366	0.0	8.1	16.8	24.8	37.8	67.8	18.9	112	73	15
29118	MAIN ST W/HWY403 HAMILTON	364	0.5	4.9	14.2	21.9	34.3	64.8	16.6	109	69	11
31103	BAY/GROSVEAUX TORONTO	354	0.0	3.0	9.1	16.9	28.7	49.9	12.5	79	42	0
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	364	3.2	7.3	15.6	24.6	37.9	67.2	19.1	120	59	18
31190	CN TOWER, 301 FRONT ST W TORONTO	342	11.4	24.1	31.5	39.0	55.0	87.1	33.4	139	96	163
32010	LEASIDE HYDRO STATION EAST YORK	354	0.0	4.3	11.4	18.8	28.5	49.6	13.7	69	43	0
33003	LAWRENCE/KENNEDY SCARBORO	357	0.0	4.9	11.7	19.3	29.8	54.5	14.3	85	47	4
34002	SC CTR, 770 DON MILLS RD NORTH YORK	62	1.1	3.1	8.5	15.5	23.1	31.2	10.9	35	28	0
34020	HENDON AVE (YONGE/FINCH) NORTH YORK	366	0.0	4.4	13.7	22.7	35.1	59.2	16.3	106	59	16
34025	35 EDGAR AVE NORTH YORK WEST	363	0.3	3.1	10.4	19.6	30.1	54.1	14.0	99	53	4
35003	ELMCREST RD (CENTENNIAL PK) ETOBICOKE	366	0.0	3.5	12.2	21.6	34.2	59.2	15.4	113	50	10
35033	EVANS/ARNOLD AV ETOBICOKE	364	0.3	3.2	9.3	16.6	31.2	59.3	13.4	104	46	11
36030	CLEARVIEW HTGS/KEELE ST YORK	361	0.3	3.5	12.2	21.7	36.0	64.5	16.1	120	56	22
44008	HWY2/NORTH SHORE BLVD E BURLINGTON	332	1.9	9.1	17.8	27.4	42.1	69.0	20.8	115	67	25
44015	BRONTE RD/WOBURN CRES OAKVILLE	366	0.7	7.6	16.8	26.4	38.8	64.8	19.3	100	58	15
45025	PS. RITSON RD/OLIVE AV OSHAWA	360	3.6	10.7	18.8	26.2	36.3	62.3	20.3	107	50	12
46110	QUEENSWAY W/HURONTARIO ST MISSISSAUGA	366	0.6	5.3	12.5	20.3	33.1	57.1	15.6	108	53	8
47035	509 VICTORIA ST E ALLISTON	355	3.9	13.5	22.3	29.8	40.6	66.6	23.3	93	55	19
48002	HWY47/E OF HWY48 STOUFFVILLE	349	6.1	15.7	22.1	28.1	37.5	63.4	23.0	94	60	13
49010	HWY 117/PAINT LAKE RD DORSET	363	11.5	22.5	29.1	36.0	46.4	69.8	30.1	108	74	47
51001	MCD GDS. RIDEAU/WURTEMBERG ST OTTAWA	359	1.7	7.7	15.4	22.6	33.6	60.2	17.4	88	67	7
52020	CHURCHILL PK., NAPIER ST KINGSTON	156	0.4	10.1	19.5	27.1	35.6	60.9	19.8	95	51	4
56051	MEMORIAL PK BEDFORD/THIRD CORNWALL	366	1.3	11.5	18.8	26.5	39.3	66.2	20.8	101	76	31
62068	FERNBERG RD ELY MINNESOTA	361	17.6	24.5	28.7	33.8	42.6	60.7	30.3	75	59	0
63100	HAWKEYE LAKE	231	12.5	23.3	29.7	34.9	42.0	62.3	29.3	76	60	0
63200	MTC 615 JAMES ST S THUNDER BAY	364	1.0	9.7	17.5	22.9	30.3	45.6	17.2	59	50	0
71068	WM. MERRIFIELD SCHOOL SAULT STE MARIE	359	5.9	15.1	22.3	28.8	39.5	56.7	23.1	77	54	0

TABLE A-15 (cont.) OZONE (O₃) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY														
YEAR - 1992		POLLUTANT - OZONE					UNIT - PARTS/BILLION							
STATION NUMBER	LOCATION	NO. OF DAYS	PERCENTILES				ARITH. METIC				MAXIMUM		NO. OF TIMES ABOVE CRITERIA 1HR	
			10	30	50	70	90	99	MEAN	1HR	24HR			
75010	OPP STN NORTH BAY	364	5.7	15.6	22.9	30.0	39.8	63.5	24.0		90	67	23	
77203	SCIENCE NORTH SUDBURY	360	8.8	17.3	23.8	30.8	41.0	67.9	25.4		96	70	20	

TABLE A-16 TOTAL SUSPENDED PARTICULATE (TSP) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY														
YEAR - 1992		POLLUTANT - SUSPENDED PARTICULATE			UNIT - MICROGRAMS/CU. METRE									
STATION NUMBER	LOCATION	NO OF SAMPLES	PERCENTILES		ARITH. MEAN						GEOM. MEAN		NO OF TIMES ABOVE CRITERIA 24-HR 1-YR	
			10	30	50	70	90	99	MAX	MEAN	MEAN			
11001	309 THOMAS ST ST MARYS													
12005	7730 RIVERSIDE DR E WINDSOR	50	19	24	29	40	64	142	204	38	31	1	0	
12006	BEACH LANE/HWY 18 LA SALLE	58	20	24	34	37	53	97	104	34	31	0	0	
12007	WRIGHT/WATER ST WINDSOR	53	26	34	39	49	61	119	140	44	41	1	0	
12008	467 UNIVERSITY AV W WINDSOR	53	28	37	45	55	65	114	138	48	44	1	0	
12009	9725 RIVERSIDE DR E LITTLE RIVER	55	25	33	42	49	62	103	144	44	41	1	0	
12011	DROUILLARD RD/RICHMOND ST WINDSOR	58	21	25	30	35	49	89	90	34	31	0	0	
12013	FILTRAT PLT.3665 WYANDOTTE ST E WINDSOR	57	32	42	47	58	84	143	188	54	50	1	0	
12015	SEWAGE STN. HWY 18/PROSPECT WINDSOR	52	33	43	52	82	111	134	135	66	59	5	0	
12016	COLLEGE/SOUTH ST WINDSOR	58	40	47	61	80	100	166	194	68	63	4	1	
12036	1802 GEORGE AV WINDSOR	56	29	36	43	54	77	117	139	49	46	1	0	
12037	3225 CALIFORNIA ST WINDSOR	56	26	31	39	46	63	93	108	43	40	0	0	
12038	2885 HOWARD AV WINDSOR	55	23	29	36	41	60	103	126	40	36	1	0	
12039	DOUGLAS ST/E.C. ROW W WINDSOR	59	35	48	64	77	105	185	251	69	62	4	1	
12047	DORWIN PLAZA, DOUGALL AV WINDSOR	57	29	40	46	54	69	104	113	49	46	0	0	
12049	643 ALEXANDRINE WINDSOR	58	25	32	39	48	72	129	140	45	41	2	0	
12053	415 FRONT ST AMHERSTBURG	59	26	34	42	54	65	102	133	45	42	1	0	
12054	227 TEXAS ROAD AMHERSTBURG	58	21	28	33	38	51	89	91	35	33	0	0	
12055	DUFF ST (E END) AMHERSTBURG	60	22	29	36	46	69	151	153	43	38	3	0	
14001	GENERAL HOSPITAL, 220 MITTON ST SARNIA	64	21	29	34	39	53	86	102	36	33	0	0	
14016	HWY40 (OPP LAMBTON GS) COURTRIGHT	54	17	23	30	38	48	103	121	34	31	1	0	
14030	RR1 (W OF HOUSE) CORUNNA	57	17	22	28	33	46	96	99	32	28	0	0	
		52	16	22	27	32	42	73	98	29	26	0	0	

TABLE A-16 (cont.) TOTAL SUSPENDED PARTICULATE (TSP) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY												
YEAR - 1992		POLLUTANT - SUSPENDED PARTICULATE			UNIT - MICROGRAMS/CU. METRE							
STATION NUMBER	LOCATION	NO OF SAMPLES		PERCENTILES					ARITH MEAN	GEOM MEAN	NO OF TIMES ABOVE CRITERIA 24-HR 1-YR	
		10	30	50	70	90	99	MAX				
14031	RR1 (W OF BARN) MOORETOWN	53	18	24	28	37	62	146	229	37	29	1 0
14059	ST CLAIR BLVD/HWY 40 CORUNNA	52	19	24	30	39	48	99	106	34	29	0 0
14064	CENTENNIAL PK. FRONT ST/CN TRACKS SARNIA	55	20	26	33	38	51	62	63	33	31	0 0
14151	DAVID/FRONT ST SARNIA	53	17	28	36	46	63	159	228	43	35	1 0
14152	CHRISTINA/EXMOUTH ST SARNIA	60	23	32	37	45	69	129	169	43	38	1 0
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON	59	25	31	45	59	85	132	148	50	43	2 0
15008	EDGEWARE RD (NNW VARTA PLT) ST THOMAS	58	21	25	30	37	59	119	134	36	32	1 0
15009	LONGWOODS CONSERVATION LONGWOODS	58	14	19	23	29	38	88	89	26	23	0 0
15014	POND MILLS RD/DEVERON CRES LONDON	60	21	28	34	48	61	96	101	40	35	0 0
15015	951 COMMISSIONERS RD E LONDON	59	15	22	26	34	45	73	83	30	27	0 0
15016	801 COMMISSIONERS RD E LONDON	55	15	21	26	38	52	86	112	31	27	0 0
15017	8 MOUNTSFIELD DR LONDON	58	19	25	29	41	64	90	96	36	32	0 0
17014	CYANAMIDE RD (GORDON PROP) BEACHVILLE	58	24	28	33	43	68	219	231	45	37	2 0
17015	26 VINE ST (MOEE TRAILER) BEACHVILLE	57	21	27	38	49	68	102	124	41	36	1 0
17020	HWY 2 RR 2 (J SPIEL PROP) INGERSOLL	60	27	33	44	62	96	145	156	54	47	3 0
17021	OXFORD CTY RD 6 (HESSTON FARM) EMBRO	60	23	28	39	53	75	139	148	46	39	3 0
17023	423 DEVONSHIRE AVE (LODGE) WOODSTOCK	60	17	24	31	40	54	103	107	35	31	0 0
17024	VANSITTART AVE (LYON'S POOL) WOODSTOCK	57	21	28	32	41	49	109	116	37	33	0 0
17025	ADMIRAL ST (SEWAGE PLANT) WOODSTOCK	59	19	23	29	37	59	131	136	34	29	2 0
22090	ST GEORGE/ALMA PORT DOVER	9	20	24	26	34	54	71	73	34	30	0 INS
22092	RAINHAM RD/SANDUSK RD JARVIS	50	17	23	29	35	61	89	110	34	30	0 0
22904	WALPOLE S PS, SANDUSK RD NANTICOKE	46	16	20	23	31	44	75	82	28	26	0 0
22907	RAINHAM RD (NEAR STELCO GATE) NANTICOKE	54	24	35	42	55	78	114	137	48	43	1 0
22961	NANTICOKE RD/WALPOLE CON 2 NANTICOKE	54	19	24	31	42	60	91	104	37	33	0 0
22964	N 2 KM NANTICOKE GS NANTICOKE	46	15	21	25	34	48	116	121	32	27	1 0
27008	71 KING ST ST CATHARINES	53	26	31	40	48	62	103	111	43	40	0 0
27045	337 ALBERTA/DEVON ST WELLAND	52	25	28	34	45	55	64	69	37	35	0 0
27047	DAVIS/FRAZER PORT COLBORNE	54	25	33	39	48	71	114	119	46	41	0 0
27050	4057 VICTORIA AV NIAGARA FALLS	58	30	34	41	49	68	136	154	47	43	2 0

TABLE A-16 (cont.) TOTAL SUSPENDED PARTICULATE (TSP) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY															
YEAR - 1992		POLLUTANT - SUSPENDED PARTICULATE			UNIT - MICROGRAMS/CU. METRE										NO OF TIMES ABOVE CRITERIA 24-HR 1-YR
STATION NUMBER	LOCATION	NO OF SAMPLES	10	30	PERCENTILES				99	MAX	ARITH MEAN	GEOM MEAN			
					50	70	90								
27051	HOLY T CHURCH, NORTON/PORTAGE CHIPPAWA	40	27	37	44	54	82	105	118	49	43	0	INS		
27052	185 QUEEN ST S THOROLD	38	41	56	64	74	90	136	145	66	61	2	INS		
27055	STP GROUNDS, STANLEY AV NIAGARA FALLS	54	44	56	71	103	180	258	285	92	78	12	1		
27056	ALLENDALE AV NIAGARA FALLS	56	24	29	32	40	60	82	86	38	35	0	0		
28027	HANLON EXPWY/SPEED RIVER GUELPH	79	26	36	45	58	94	144	180	53	47	3	0		
29000	ELGIN/KELLY ST HAMILTON	58	35	42	58	77	99	202	209	66	59	4	0		
29009	KENTILWORTH HAMILTON	57	30	42	50	60	78	127	152	54	50	1	0		
29011	BURLINGTON/LEEDS HAMILTON	59	49	65	82	100	125	245	285	89	81	7	1		
29012	BURLINGTON/WELLINGTON HAMILTON	44	28	39	44	51	73	117	126	48	45	1	0		
29017	CHATHAM/FRID HAMILTON	50	37	48	60	88	145	239	248	80	69	9	1		
29025	BARTON/WENTWORTH HAMILTON	53	41	50	58	76	95	144	161	66	62	2	1		
29067	450 HUGHSON ST N HAMILTON	45	28	35	43	52	72	115	115	48	44	0	0		
29087	405 CUMBERLAND AV HAMILTON	56	25	30	42	52	67	122	141	45	41	1	0		
29098	BAY/MAIN ST HAMILTON	56	26	34	45	55	82	134	159	51	45	1	0		
29102	467 BEACH BLVD HAMILTON	60	27	39	56	69	98	137	171	60	52	1	0		
29105	NASH RD/KENTLEY DR HAMILTON	55	26	29	38	42	62	121	142	42	38	1	0		
29111	OFIELD RD/HWY 5 GREENSVILLE	59	34	40	57	79	150	279	470	79	63	12	1		
29112	HARVEST RD/WESITE GREENSVILLE	57	17	23	28	33	49	108	125	33	29	1	0		
29113	GERTRUDE/DEPEW HAMILTON	57	39	57	70	90	106	280	335	80	71	4	1		
29114	VICKERS RD/EAST 18TH ST HAMILTON	58	21	27	37	46	60	108	126	41	37	1	0		
29118	MAIN ST W/HWY403 HAMILTON	58	26	33	41	55	77	120	128	48	44	1	0		
29119	MORLEY ST/PARKDALE AV HAMILTON	60	39	50	63	79	95	203	210	69	63	4	1		
29122	DUNDURN/YORK HAMILTON	56	24	30	36	43	59	128	167	41	37	1	0		
29124	BUCHANAN PARK PS HAMILTON	55	24	31	41	50	70	136	143	46	41	2	0		
29130	EVEN RD/WHITNEY AV HAMILTON	56	19	23	29	35	46	72	94	32	29	0	0		
29135	ALBRIGHT RD/MT ALBION RD HAMILTON	58	22	26	31	43	54	111	122	37	33	1	0		
31045	BRUCE PS. 51 LARCHMOUNT AV TORONTO	335	20	31	41	52	73	117	190	45	40	2	0		
31058	MOSLEY/LESLIE STS TORONTO	251	24	35	46	61	94	145	210	53	45	8	0		
31065	633 EASTERN AV TORONTO	319	29	40	51	71	110	252	3200	74	55	22	0		

TABLE A-16 (cont.) TOTAL SUSPENDED PARTICULATE (TSP) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY													
YEAR - 1992		POLLUTANT - SUSPENDED PARTICULATE		UNIT - MICROGRAMS/CU. METRE									
STATION NUMBER	LOCATION	NO OF SAMPLES		PERCENTILES					ARITH MEAN	GEOM MEAN	NO OF TIMES ABOVE CRITERIA		
		10	30	50	70	90	99	MAX			24-HR	1-YR	
31082	WORKS DEPT. 138 HAMILTON AV TORONTO	327	24	36	47	60	82	114	166	51	45	3	0
31085	TECUMSETH/NIAGARA ST TORONTO	73	28	40	51	61	83	125	147	54	49	1	0
31103	BAY/GROSVENOR TORONTO	352	25	35	42	51	78	143	165	47	43	7	0
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	56	17	29	34	42	56	94	105	37	34	0	0
31183	FORT YORK TORONTO	57	31	40	52	63	106	206	207	62	54	5	0
32010	LEASIDE HYDRO STATION EAST YORK	55	22	30	36	48	77	113	159	43	37	1	0
33003	LAWRENCE/KENNEDY SCARBORO	54	25	35	45	63	102	150	153	56	48	4	0
34020	HENDON AVE (YONGE/FINCH) NORTH YORK	58	23	31	37	51	80	103	106	46	41	0	0
34025	35 EDGAR AVE NORTH YORK WEST	58	25	32	41	48	89	116	124	48	42	1	0
35003	ELMCREST RD (CENTENNIAL PK) ETOBICOKE	59	23	30	36	43	60	108	112	40	36	0	0
35013	WHITLAM AVE (WHITLAM TANK) ETOBICOKE	50	21	32	39	45	64	104	130	42	38	1	0
35033	EVANS/ARNOLD AV ETOBICOKE	60	32	39	51	60	79	113	115	54	50	0	0
36030	CLEARVIEW HTGS/KEELE ST YORK	53	23	30	37	45	64	128	147	44	40	1	0
44005	2487 LAKESHORE E/BIRKBECK RDS OAKVILLE	170	14	26	32	47	72	112	123	39	33	1	0
44008	HWY2/NORTH SHORE BLVD E BURLINGTON	52	21	28	33	41	59	158	310	41	34	1	0
44015	BRONTE RD/WOBURN CRES OAKVILLE	57	22	30	37	49	69	82	84	41	37	0	0
45001	FIRE HALL, BAYLY/BROCK PICKERING	299	21	37	54	88	165	258	753	76	56	52	0
45007	AJAX-PICKERING HOSP AJAX	219	18	27	34	40	58	77	82	36	32	0	0
45025	PS. RITSON RD/OLIVE AV OSHAWA	58	23	30	38	44	57	118	127	41	37	1	0
46033	FIRE HALL, BRAHMALEA RD BRAHMALEA	51	19	26	42	63	95	341	592	59	41	3	0
46045	2365 DIXIE RD MISSISSAUGA	329	23	32	41	55	82	123	155	47	42	4	0
46046	2360 DIXIE RD MISSISSAUGA	331	23	32	39	51	82	138	184	46	40	8	0
46110	QUEENSWAY W/HURONTARIO ST MISSISSAUGA	55	26	31	40	48	59	90	92	42	40	0	0
48002	HWY47/E OF HWY48 STOUFFVILLE	55	15	21	27	33	50	72	74	30	26	0	0
49011	HWY 117/BELLWOOD ACRES DORSET	60	4	6	9	15	22	79	95	14	10	0	0
62032	CEMETERY COLONIZATION RD W FORT FRANCES	60	9	15	21	30	43	59	64	24	20	0	0
62035	LEGION BLDG. 250 CHURCH ST FORT FRANCES	59	11	23	40	53	75	115	127	42	33	1	0
63046	CAN-CAR, MONTREAL ST THUNDER BAY	58	17	25	32	51	83	107	109	43	35	0	0
63200	MTC 615 JAMES ST S THUNDER BAY	58	16	25	29	36	61	126	128	36	30	2	0

TABLE A-16 (cont.) TOTAL SUSPENDED PARTICULATE (TSP) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY																	
YEAR - 1992		POLLUTANT - SUSPENDED PARTICULATE				UNIT - MICROGRAMS/CU. METRE											
STATION NUMBER	LOCATION	NO OF SAMPLES		10	30	PERCENTILES				50	70	90	99	MAX	ARITH MEAN	GEOM MEAN	NO OF TIMES ABOVE CRITERIA 24-HR 1-YR
63400	5 KINGSWAY ST SCHREIBER	59	15	19	27	41	77	113	145	37	30	1	0				
63401	101 MANITOBA ST SCHREIBER	59	10	13	18	25	41	68	72	22	18	0	0				
71042	PUMPHOUSE, BONNEY ST SAULT STE MARIE	346	15	31	53	85	131	234	355	66	48	45	0				
71049	LAND OFFICE, QUEEN ST SAULT STE MARIE	59	16	21	26	33	48	88	105	31	27	0	0				
71068	WM. MERRIFIELD SCHOOL SAULT STE MARIE	115	14	20	27	36	69	96	114	34	28	0	0				
72083	TREMBLEY ST (E OF QUIRON) HEARST	114	10	19	30	48	109	189	192	47	31	10	0				
75046	10169 LAKESHORE RD NEW LISKEARD	115	9	13	17	27	39	91	125	23	18	1	0				
77026	19 LISGAR ST SUDBURY	58	14	24	28	35	57	90	90	34	29	0	0				
77029	POST OFFICE, SPRUCE/BARBER ST ESPANOLA	60	22	27	35	51	68	120	124	43	38	1	0				
77070	PUMPHOUSE NICKEL ST. COPPER CLIFF	56	13	22	25	37	50	90	101	32	27	0	0				

TABLE A-17 INHALABLE PARTICULATE (IP) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY																
YEAR - 1992		POLLUTANT - PM10		UNIT - MICROGRAMS/CU. METRE												
STATION NUMBER	LOCATION	NO OF SAMPLES		10	30	PERCENTILES				50	70	90	99	MAX	ARITH MEAN	GEOM MEAN
12056	PM-10 1400 ROSELAWN DRIVE WINDSOR	50	12	15	19	20	28	42	56	19	18					
12057	PM-10 6200 EDGAR STREET WINDSOR	59	11	15	18	21	32	50	51	20	19					
12507	PM-10 WRIGHT/WATER ST WINDSOR	50	13	19	23	25	31	51	54	23	22					
12508	PM-10 467 UNIVERSITY AVE W WINDSOR	61	14	17	19	26	36	56	60	22	21					
12513	PM-10 3665 WYNDOTTE ST E WINDSOR	52	13	18	23	33	61	75	85	29	25					
15516	PM-10 801 COMMISSIONER RD E LONDON	53	10	13	15	18	32	52	54	18	16					
22304	PM-10 WALPOLE PS, SANDUSK RD NANTICOKE	30	9	12	13	18	34	60	60	18	15					
27308	PM-10 71 KING STREET ST CATHARINES	56	12	16	20	24	32	57	58	23	20					
27352	PM-10 185 QUEEN ST S THOROLD	38	15	23	26	30	40	59	60	28	26					
29300	PM-10 ELGIN/KELLY ST HAMILTON	57	16	20	26	34	44	74	80	29	26					
29302	PM-10 467 BEACH BLVD HAMILTON	54	10	17	22	32	42	61	71	25	22					
29313	PM-10 GERTRUDE/DEPEW HAMILTON	56	17	25	31	41	54	98	110	35	32					
29324	PM-10 BUCHANAN PARK PS HAMILTON	39	12	16	20	29	42	71	72	25	22					
31127	PM-10 BAY/GROSVENOR ST TORONTO	66	13	16	20	24	36	55	74	23	21					

TABLE A-17 (cont.) INHALABLE PARTICULATE (IP) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR - 1992		POLLUTANT - PM10		UNIT - MICROGRAMS/CU.METRE									
STATION NUMBER	LOCATION			NO OF SAMPLES	10	30	PERCENTILES					ARITH MEAN	GEOM MEAN
							50	70	90	99	MAX		
33127	PM-10 LAWRENCE/KENNEDY SCARBOROUGH			57	11	17	20	26	40	70	72	24	21
35127	PM-10 EVANS/ARNOLD ETOBICOKE			83	12	17	22	25	35	50	57	23	21
44127	PM-10 BRONTE RD/WOBURN CR OAKVILLE			52	11	15	18	24	36	55	60	22	19
56051	PM-10 MEMORIAL PK BEDFORD/THIRD CORNWALL			41	12	17	18	25	35	48	55	22	20
62135	PM-10 LEGION 250 CHURCH FORT FRANCES			29	9	14	18	25	30	39	40	20	18
63201	PM-10 615 JAMES ST S THUNDER BAY			60	7	11	13	18	23	52	53	15	13
71342	PM-10 BONNEY ST SAULT STE MARIE			50	10	23	33	51	72	189	210	42	31
71368	PM-10 MN MERRIFIELD S SAULT STE MARIE			60	10	14	17	23	33	51	52	20	18
77326	PM-10 19 LISGAR ST SUDBURY			59	9	11	13	18	27	46	47	17	15

		POLLUTANT - COPPER - PM10		UNIT - .001 MICROGRAMS/CU.METRE									
12056	PM-10 1400 ROSELAWN DRIVE WINDSOR			50	2	2	6	7	13	21	21	6	5
12057	PM-10 6200 EDGARD STREET WINDSOR			59	2	2	7	10	13	18	19	7	5
12507	PM-10 WRIGHT/WATER ST WINDSOR			50	2	6	8	11	15	25	25	9	7
12508	PM-10 467 UNIVERSITY AVE W WINDSOR			61	2	5	7	9	13	30	44	8	6
12513	PM-10 3665 WYNDOTTE ST E WINDSOR			52	2	7	8	12	22	39	50	11	8
15516	PM-10 801 COMMISSIONER RD E LONDON			53	2	2	2	6	9	13	15	5	4
22304	PM-10 WALPOLE PS. SANDUSK RD NANTICOKE			30	2	2	2	3	7	9	9	4	3
27308	PM-10 71 KING STREET ST CATHARINES			56	2	8	12	15	18	21	22	11	10
27352	PM-10 185 QUEEN ST S THOROLD			38	2	10	13	23	36	46	48	18	13
29300	PM-10 ELGIN/KELLY ST HAMILTON			57	10	16	20	24	31	38	41	20	18
29302	PM-10 467 BEACH BLVD HAMILTON			54	2	8	11	15	23	29	31	12	9
29313	PM-10 GERTRUDE/DEPEW HAMILTON			56	7	10	17	27	40	76	84	22	17
29324	PM-10 BUCHANAN PARK PS HAMILTON			40	5	10	12	20	34	43	45	16	13
31127	PM-10 BAY/GROSVENOR ST TORONTO			66	9	14	20	26	37	85	120	23	19
33127	PM-10 LAWRENCE/KENNEDY SCARBOROUGH			57	8	15	17	20	28	45	63	18	16
35127	PM-10 EVANS/ARNOLD ETOBICOKE			83	2	6	8	12	17	23	23	9	7
44127	PM-10 BRONTE RD/WOBURN CR OAKVILLE			52	2	10	13	19	29	51	72	16	12
56051	PM-10 MEMORIAL PK BEDFORD/THIRD CORNWALL			41	2	2	7	10	13	18	19	7	5

TABLE A-17 (cont.)

INHALABLE PARTICULATE (IP) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY														
YEAR - 1992		POLLUTANT - COPPER - PM10		UNIT - .001 MICROGRAMS/CU. METRE										
STATION NUMBER	LOCATION	NO OF SAMPLES		10	30	PERCENTILES				90	99	MAX	ARITH MEAN	GEOM MEAN
						50	70							
62135	PM-10 LEGION 250 CHURCH FORT FRANCES	29	2	2	2	7	8	13	13	5	4			
63201	PM-10 615 JAMES ST S THUNDER BAY	60	2	2	5	7	11	22	24	6	5			
71342	PM-10 BONNEY ST SAULT STE MARIE	50	2	5	8	12	26	55	94	11	7			
71368	PM-10 WM MERRIFIELD S SAULT STE MARIE	60	7	12	19	25	30	52	53	19	16			
77326	PM-10 19 LISGAR ST SUDBURY	59	8	12	20	32	78	198	290	35	22			
POLLUTANT - IRON - PM10		UNIT - .01 MICROGRAMS/CU. METRE												
12056	PM-10 1400 ROSELAWN DRIVE WINDSOR	50	14	25	31	41	64	96	97	36	30			
12057	PM-10 6200 EDGAR STREET WINDSOR	59	9	18	33	40	69	122	140	37	27			
12507	PM-10 WRIGHT/WATER ST WINDSOR	50	13	35	60	98	170	232	280	78	55			
12508	PM-10 467 UNIVERSITY AVE W WINDSOR	61	13	25	41	60	92	140	140	47	37			
12513	PM-10 3665 WYNDOTTE ST E WINDSOR	52	13	34	58	93	296	779	810	115	58			
15516	PM-10 801 COMMISSIONER RD E LONDON	53	5	9	14	20	36	60	66	18	13			
22304	PM-10 WALPOLE PS, SANDUSK RD NANTICOKE	30	4	10	14	22	34	59	62	18	13			
27308	PM-10 71 KING STREET ST CATHARINES	56	10	16	24	47	59	77	81	32	25			
27352	PM-10 185 QUEEN ST S THOROLD	38	14	31	53	69	110	174	190	58	44			
29300	PM-10 ELGIN/KELLY ST HAMILTON	57	22	38	59	110	260	369	380	100	65			
29302	PM-10 467 BEACH BLVD HAMILTON	54	7	22	70	140	247	364	380	103	52			
29313	PM-10 GERTRUDE/DEPEW HAMILTON	56	44	110	175	305	513	1118	1400	256	167			
29324	PM-10 BUCHANAN PARK PS HAMILTON	40	13	26	42	62	175	336	340	77	45			
31127	PM-10 BAY/GROSVENOR ST TORONTO	66	19	28	33	46	79	92	92	42	36			
33127	PM-10 LAWRENCE/KENNEDY SCARBOROUGH	57	11	23	35	45	68	104	110	39	31			
35127	PM-10 EVANS/ARNOLD ETOBICOKE	83	16	26	37	50	66	90	100	39	34			
44127	PM-10 BRONTE RD/WOBURN CR OAKVILLE	52	8	15	25	34	58	81	88	29	22			
56051	PM-10 MEMORIAL PK BEDFORD/THIRD CORNWALL	41	9	14	21	29	37	45	45	23	20			
62135	PM-10 LEGION 250 CHURCH FORT FRANCES	29	7	19	30	46	58	70	72	33	26			
63201	PM-10 615 JAMES ST S THUNDER BAY	60	7	22	31	52	100	250	250	51	32			
71342	PM-10 BONNEY ST SAULT STE MARIE	50	19	63	150	320	1300	2750	2800	486	153			
71368	PM-10 WM MERRIFIELD S SAULT STE MARIE	60	7	14	26	46	102	307	350	50	26			

TABLE A-17 (cont.)

INHALABLE PARTICULATE (IP) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR - 1992		POLLUTANT - IRON - PM10			UNIT - .01 MICROGRAMS/CU.METRE							
STATION NUMBER	LOCATION	NO OF SAMPLES	10 30		PERCENTILES			90	99	MAX	ARITH MEAN	GEOM MEAN
			50	70	90							
77326	PM-10 19 LISGAR ST SUDBURY	59	9	16	26	38	70	110	140	35	26	
POLLUTANT - MANGANESE - PM10		UNIT - .001 MICROGRAMS/CU.METRE										
12056	PM-10 1400 ROSELAWN DRIVE WINDSOR	50	4	7	10	12	17	31	43	10	8	
12057	PM-10 6200 EDGARD STREET WINDSOR	59	2	6	10	13	21	50	71	12	8	
12507	PM-10 WRIGHT/WATER ST WINDSOR	50	6	11	16	25	43	55	58	21	15	
12508	PM-10 467 UNIVERSITY AVE W WINDSOR	61	4	7	13	17	26	37	37	14	11	
12513	PM-10 3665 WYNDOTTE ST E WINDSOR	52	3	8	18	35	168	439	590	58	19	
15516	PM-10 801 COMMISSIONER RD E LONDON	53	1	4	6	8	13	24	28	7	5	
22304	PM-10 WALPOLE PS, SANDUSK RD NANTICOKE	30	1	3	4	6	10	17	19	5	4	
27308	PM-10 71 KING STREET ST CATHARINES	56	3	8	11	17	24	35	45	13	10	
27352	PM-10 185 QUEEN ST S THOROLD	38	6	14	21	28	40	111	130	25	19	
29300	PM-10 ELGIN/KELLY ST HAMILTON	57	14	21	30	74	114	190	220	52	35	
29302	PM-10 467 BEACH BLVD HAMILTON	54	3	9	35	55	106	149	160	43	21	
29313	PM-10 GERTRUDE/DEPEW HAMILTON	56	20	46	72	110	230	370	410	100	70	
29324	PM-10 BUCHANAN PARK PS HAMILTON	40	6	10	19	28	66	112	120	29	18	
31127	PM-10 BAY/GROSVENOR ST TORONTO	66	7	11	15	21	30	35	36	17	15	
33127	PM-10 LAWRENCE/KENNEDY SCARBOROUGH	57	4	12	16	22	29	38	39	17	13	
35127	PM-10 EVANS/ARNOLD ETOBICOKE	83	9	14	21	26	31	37	37	20	18	
44127	PM-10 BRONTE RD/WOUBURN CR OKVILLE	52	1	5	9	14	23	32	32	11	7	
56051	PM-10 MEMORIAL PK BEDFORD/THIRD CORNWALL	41	4	6	7	10	13	17	17	8	7	
62135	PM-10 LEGION 250 CHURCH FORT FRANCES	29	2	4	6	10	13	15	15	7	6	
63201	PM-10 615 JAMES ST S THUNDER BAY	60	3	6	10	14	27	56	62	13	9	
71342	PM-10 BONNEY ST SAULT STE MARIE	50	8	25	71	180	440	832	1100	158	64	
71368	PM-10 WM HERRIFIELD S SAULT STE MARIE	60	2	6	11	20	54	142	160	22	11	
77326	PM-10 19 LISGAR ST SUDBURY	59	3	8	9	12	21	32	34	11	9	

TABLE A-17 (cont.)

INHALABLE PARTICULATE (IP) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY											
YEAR - 1992		POLLUTANT - SULPHATE - PM10		UNIT - .1 MICROGRAMS/CU.METRE							
STATION NUMBER	LOCATION	NO. OF SAMPLES			PERCENTILES					ARTH MEAN	GEOM MEAN
		10	30	50	70	90	99	MAX			
12056	PM-10 1400 ROSELAWN DRIVE WINDSOR	50	22	31	36	46	65	133	160	44	38
12057	PM-10 6200 EDGARD STREET WINDSOR	59	21	31	41	55	83	148	160	50	43
12507	PM-10 WRIGHT/WATER ST WINDSOR	50	26	33	42	57	101	150	150	52	45
12508	PM-10 467 UNIVERSITY AVE W WINDSOR	61	25	31	41	59	79	150	150	50	43
12513	PM-10 3665 WYNDOTTE ST E WINDSOR	52	23	32	37	53	78	119	130	46	41
15516	PM-10 801 COMMISSIONER RD E LONDON	53	18	27	32	40	95	170	170	45	36
22304	PM-10 WALPOLE PS, SANDUSK RD NANTICOK	30	19	26	37	58	103	251	270	57	42
27308	PM-10 71 KING STREET ST CATHARINES	56	20	27	37	53	87	202	250	51	40
27352	PM-10 185 QUEEN ST S THOROLD	38	25	32	41	62	100	182	190	56	46
29300	PM-10 ELGIN/KELLY ST HAMILTON	57	23	35	51	72	110	188	230	60	49
29302	PM-10 467 BEACH BLVD HAMILTON	54	23	39	54	71	100	187	260	62	52
29313	PM-10 GERTRUDE/DEPEW HAMILTON	56	29	40	56	83	125	205	240	70	59
29324	PM-10 BUCHANAN PARK PS HAMILTON	40	20	31	44	80	122	208	220	65	50
31127	PM-10 BAY/GROSVENOR ST TORONTO	66	15	25	37	50	77	185	310	47	37
33127	PM-10 LAWRENCE/KENNEDY SCARBOROUGH	57	18	28	39	55	95	177	240	51	41
35127	PM-10 EVANS/ARNOLD ETOBICOKE	83	17	26	34	49	82	157	190	44	36
44127	PM-10 BRONTE RD/WOBURN CR OAKVILLE	52	18	28	40	59	88	168	220	51	41
56051	PM-10 MEMORIAL PK BEDFORD/THIRD CORNWALL	41	17	24	37	57	93	173	220	49	38
62135	PM-10 LEGION 250 CHURCH FORT FRANCES	29	9	12	15	22	42	89	110	23	18
63201	PM-10 615 JAMES ST S THUNDER BAY	60	9	14	17	23	34	61	70	21	18
71342	PM-10 BONNEY ST SAULT STE MARIE	50	12	23	46	74	140	235	240	65	42
71368	PM-10 WM MERRIFIELD S SAULT STE MARIE	60	8	18	24	38	69	96	110	33	25
77326	PM-10 19 LISGAR ST SUDBURY	59	10	17	21	34	54	128	140	31	24

TABLE A-18 LEAD (Pb) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR - 1992		POLLUTANT - LEAD		UNIT - .01 MICROGRAMS/CU. METRE										TIMES ABOVE CRITERIA 24-HR	
STATION NUMBER	LOCATION	NO. OF SAMPLES		10	30	PERCENTILES				90	99	MAX	ARITH MEAN	GEOM MEAN	
12005	7730 RIVERSIDE DR E WINDSOR														
12007	WRIGHT/WATER ST WINDSOR	57	1	1	1	1	2	2	4	4	4	4	1	1	0
12008	467 UNIVERSITY AV W WINDSOR	53	1	1	1	2	3	4	5	6	6	6	2	1	0
12009	9725 RIVERSIDE DR E LITTLE RIVER	56	1	1	1	2	2	4	5	5	5	5	2	2	0
12011	DROUILLARD RD/RICHMOND ST WINDSOR	58	1	1	1	1	1	4	8	9	9	9	1	0	0
12013	FILTRAT PLT.3665 WYANDOTTE ST E WINDSOR	57	1	2	3	4	5	13	15	3	2	0			
12015	SEWAGE STN. HWY 18/PROSPECT WINDSOR	52	1	1	2	3	6	24	33	3	2	0			
12016	COLLEGE/SOUTH ST WINDSOR	58	1	2	2	3	4	7	8	2	2	0			
12038	2885 HOWARD AV WINDSOR	56	1	1	2	2	3	7	8	2	1	0			
12039	DOUGLAS ST/E.C. ROW W WINDSOR	59	1	2	3	4	7	10	11	4	3	0			
12047	DORWIN PLAZA, DOUGALL AV WINDSOR	57	1	2	2	3	5	17	20	3	2	0			
12049	643 ALEXANDRINE WINDSOR	58	1	1	2	3	4	35	45	3	1	0			
14016	HWY40 (OPP LAMTON GS) COURTIGHT	59	1	1	2	3	3	5	6	2	1	0			
14030	RR1 (W OF HOUSE) CORUNNA	57	1	1	1	2	2	4	4	1	1	0			
14031	RR1 (W OF BARN) MOORETOWN	52	1	1	1	2	2	3	3	1	1	0			
14064	CENTENNIAL PK.FRONT ST/CN TRACKS SARNIA	53	1	1	1	1	2	3	3	1	1	0			
14152	CHRISTINA/EXMOUTH ST SARNIA	55	1	1	1	2	4	5	6	2	1	0			
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON	60	1	1	1	2	5	11	16	2	1	0			
15008	EDGEWARE RD (NNW VARTA PLT) ST THOMAS	59	1	1	2	2	3	5	6	2	1	0			
15014	POND HILLS RD/DEVERON CRES LONDON	58	1	1	2	3	10	92	114	6	1	0			
15015	951 COMMISSIONERS RD E LONDON	60	1	1	1	1	2	3	4	1	1	0			
15016	801 COMMISSIONERS RD E LONDON	59	1	1	1	1	2	2	3	1	0	0			
15017	8 MOUNTSFIELD DR LONDON	55	1	1	1	1	2	4	4	0	0	0			
17023	423 DEVONSHIRE AVE (LODGE) WOODSTOCK	58	1	1	1	1	2	2	2	1	0	0			
17024	VANSITTART AVE (LYON'S POOL) WOODSTOCK	60	1	1	1	2	4	15	25	2	1	0			
17025	ADMIRAL ST (SEWAGE PLANT) WOODSTOCK	57	1	1	1	2	3	11	24	2	1	0			
22907	RAINHAM RD (NEAR STELCO GATE) NANTICOKE	59	1	1	1	2	3	13	30	2	1	0			
27008	71 KING ST ST CATHARINES	54	1	1	2	2	4	8	9	2	1	0			
27052	185 QUEEN ST S THOROLD	53	1	1	1	2	2	6	10	1	1	0			
		31	1	1	2	2	3	6	6	2	1	0			

TABLE A-18 (cont.)

LEAD (Pb) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY														
YEAR - 1992		POLLUTANT - LEAD		UNIT - .01 MICROGRAMS/CU. METRE										
STATION NUMBER	LOCATION	NO OF SAMPLES		PERCENTILES						ARITH MEAN	GEOM MEAN	TIMES ABOVE CRITERIA 24-HR		
		10	30	50	70	90	99	MAX						
29011	BURLINGTON/LEEDS HAMILTON	59	4	6	9	13	23	34	34	11	9	0		
29012	BURLINGTON/MELLINGTON HAMILTON	37	1	1	2	3	5	7	7	2	1	0		
29017	CHATHAM/FRID HAMILTON	36	1	1	2	3	10	13	13	3	2	0		
29025	BARTON/WENTWORTH HAMILTON	53	1	2	4	5	17	34	37	6	3	0		
29067	450 HUGHSON ST N HAMILTON	45	1	2	3	4	5	7	7	3	2	0		
29098	BAY/MAIN ST HAMILTON	56	1	2	3	4	8	16	18	4	2	0		
29102	467 BEACH BLVD HAMILTON	51	1	2	3	4	7	15	24	3	2	0		
29114	VICKERS RD/EAST 18TH ST HAMILTON	58	1	1	1	3	4	12	17	2	1	0		
31045	BRUCE PS. 51 LARCHMOUNT AV TORONTO	335	5	5	5	5	13	36	88	7	6	0		
31058	MOSLEY/LESLIE STS TORONTO	252	5	5	15	33	109	260	350	40	17	0		
31065	633 EASTERN AV TORONTO	320	5	5	5	27	91	291	510	33	13	1		
31082	WORKS DEPT. 138 HAMILTON AV TORONTO	327	1	1	2	4	7	16	19	3	1	0		
31085	TECUMSETH/NIAGARA ST TORONTO	73	1	3	5	9	14	30	34	7	3	0		
31103	BAY/GROSVENOR TORONTO	352	1	2	2	3	5	7	8	2	2	0		
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	56	1	1	2	2	3	6	8	2	1	0		
31183	FORT YORK TORONTO	57	1	1	1	3	9	23	43	3	1	0		
32010	LEASIDE HYDRO STATION EAST YORK	55	1	1	1	2	3	4	5	1	1	0		
33003	LAWRENCE/KENNEDY SCARBORO	54	1	1	1	2	4	8	9	1	1	0		
34020	HENDON AVE (YONGE/FINCH) NORTH YORK	58	1	1	1	2	5	11	13	2	1	0		
34025	35 EDGAR AVE NORTH YORK WEST	58	1	1	1	2	7	11	13	2	1	0		
35003	ELMCREST RD (CENTENNIAL PK) ETOBICOKE	59	1	1	1	3	5	8	10	2	1	0		
35033	EVANS/ARNOLD AV ETOBICOKE	60	1	1	1	3	6	9	9	2	1	0		
36030	CLEARVIEW HTGS/KEELE ST YORK	53	1	1	1	1	3	6	7	1	1	0		
44005	2487 LAKESHORE E/BIRKBEAK RDS OAKVILLE	170	1	1	1	2	3	6	9	1	1	0		
44008	HWY2/NORTH SHORE BLVD E BURLINGTON	52	1	1	1	1	4	7	8	1	0	0		
44015	BRONTE RD/WOBURN CRES OAKVILLE	57	1	1	1	1	3	10	13	1	0	0		
45025	PS. RITSON RD/OLIVE AV OSHAWA	58	1	1	1	1	3	6	7	1	0	0		
46033	FIRE HALL, BRAMALEA RD BRAMALEA	51	1	1	1	2	5	8	8	2	1	0		
46045	2365 DIXIE RD MISSISSAUGA	329	1	4	10	24	55	184	271	24	8	0		

TABLE A-18 (cont.)

LEAD (Pb) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY													
YEAR - 1992		POLLUTANT - LEAD			UNIT - .01 MICROGRAMS/CU. METRE								
STATION NUMBER	LOCATION	NO OF SAMPLES			PERCENTILES					ARITH MEAN	GEOM MEAN	TIMES ABOVE CRITERIA 24-HR	
		10	30	50	70	90	99	MAX					
46046	2360 DIXIE RD MISSISSAUGA	331	4	15	27	55	135	377	920	58	24	1	
46110	QUEENSWAY W/HURONTARIO ST MISSISSAUGA	55	1	1	1	2	5	8	9	2	1	0	
63200	HTC 615 JAMES ST S THUNDER BAY	58	1	1	1	1	2	9	10	1	0	0	
71042	PUMPHOUSE, BONNEY ST SAULT STE MARIE	221	1	1	1	2	4	10	12	2	1	0	
71049	LAND OFFICE, QUEEN ST SAULT STE MARIE	59	1	1	1	1	2	3	4	1	0	0	
71068	WM. HERRIFIELD SCHOOL SAULT STE MARIE	115	1	1	1	1	2	4	4	1	0	0	
77026	19 LISGAR ST SUDBURY	58	1	1	1	2	3	5	6	1	1	0	
77070	PUMPHOUSE NICKEL ST. COPPER CLIFF	35	1	1	1	4	8	27	29	3	1	0	

TABLE A-19

IRON (Fe) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY													
YEAR - 1992		POLLUTANT - IRON IN TOTAL SUSPENDED PARTICULATE			UNIT - .1 MICROGRAMS/CU. METRE								
STATION NUMBER	LOCATION	NO OF SAMPLES			PERCENTILES					MAX	ARITH MEAN	GEOM MEAN	
		10	30	50	70	90	99						
12005	7730 RIVERSIDE DR E WINDSOR	58	1	2	4	6	9	19	20	5	3		
12007	WRIGHT/WATER ST WINDSOR	53	3	7	10	16	23	58	63	14	10		
12008	457 UNIVERSITY AV W WINDSOR	56	2	4	6	8	13	24	29	7	6		
12011	DROUILLARD RD/RICHMOND ST WINDSOR	57	5	8	11	15	26	44	47	14	11		
12013	FILTRAT PLT,3665 WYANDOTTE ST E WINDSOR	52	4	7	11	18	44	116	123	21	12		
12015	SEWAGE STN, HWY 18/PROSPECT WINDSOR	58	6	9	12	17	28	34	37	15	13		
12016	COLLEGE/SOUTH ST WINDSOR	56	4	6	10	13	18	32	34	11	9		
12038	2885 HOWARD AV WINDSOR	59	11	23	39	58	135	249	254	59	38		
12039	DOUGLAS ST/E.C. ROW W WINDSOR	57	6	9	11	16	32	48	54	15	12		
12047	DORWIN PLAZA, DOUGALL AV WINDSOR	58	3	6	8	12	17	27	39	9	8		
12049	643 ALEXANDRINE WINDSOR	59	3	6	10	13	22	65	67	13	10		
14016	HWY40 (OPP LAMTON GS) COURTRIGHT	57	1	2	2	3	4	9	12	2	2		
14030	RR1 (W OF HOUSE) CORUNNA	52	1	1	2	3	4	7	8	2	1		
14031	RR1 (W OF BARN) MOORETOWN	53	1	2	2	3	8	32	50	4	2		
14064	CENTENNIAL PK,FRONT ST/CN TRACKS SARNIA	55	1	2	3	3	5	7	9	3	2		

TABLE A-19 (cont.) IRON (Fe) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY													
YEAR - 1992		POLLUTANT - IRON IN TOTAL SUSPENDED PARTICULATE				UNIT - .1 MICROGRAMS/CU.METRE							
STATION NUMBER	LOCATION	NO OF SAMPLES		10		30		PERCENTILES				ARITH MEAN	GEOM MEAN
								50	70	90	99	MAX	
14152	CHRISTINA/EXMOUTH ST SARNIA	60	2	3	3	5	7	17	19	4	3		
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON	59	2	3	5	6	10	19	20	6	4		
15008	EDGEWARE RD (NMW VARTA PLT) ST THOMAS	42	1	2	3	3	5	11	12	3	2		
15014	POND MILLS RD/DEVERON CRES LONDON	60	1	2	3	4	6	18	41	4	3		
15015	951 COMMISSIONERS RD E LONDON	59	1	2	2	3	4	6	7	2	2		
15016	801 COMMISSIONERS RD E LONDON	55	1	1	2	2	4	9	11	2	1		
15017	8 MOUNTSFIELD DR LONDON	58	1	1	2	3	6	9	10	3	2		
17023	423 DEVONSHIRE AVE (LODGE) WOODSTOCK	60	1	2	3	5	11	21	36	5	3		
17024	VANSITTART AVE (LYON'S POOL) WOODSTOCK	57	2	3	4	6	12	17	19	5	4		
17025	ADMIRAL ST (SEWAGE PLANT) WOODSTOCK	59	1	2	3	4	8	17	18	4	3		
22907	RAINHAM RD (NEAR STELCO GATE) NANTICOCKE	54	4	8	14	28	44	78	90	20	13		
27008	71 KING ST ST CATHARINES	53	2	3	5	7	11	17	18	6	5		
27052	185 QUEEN ST S THOROLD	31	6	8	10	14	19	22	23	11	10		
29011	BURLINGTON/LEEDS HAMILTON	59	18	32	43	54	85	175	233	49	38		
29012	BURLINGTON/WELLINGTON HAMILTON	37	7	8	13	18	25	45	50	15	13		
29017	CHATHAM/FRID HAMILTON	36	8	11	16	22	38	55	56	20	16		
29025	BARTON/WENTWORTH HAMILTON	53	7	14	20	28	56	116	129	27	19		
29067	450 HUGHSON ST N HAMILTON	45	5	7	12	15	23	33	33	13	10		
29098	BAY/MAIN ST HAMILTON	56	3	7	10	17	44	75	79	18	10		
29102	467 BEACH BLVD HAMILTON	51	4	7	19	29	47	58	58	22	15		
29114	VICKERS RD/EAST 18TH ST HAMILTON	58	2	5	6	9	21	55	62	10	6		
31058	MOSLEY/LESLIE STS TORONTO	251	2	5	8	11	19	48	76	10	7		
31103	BAY/GROSVENOR TORONTO	352	3	4	6	9	13	22	31	7	6		
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	56	1	3	4	6	10	16	17	5	4		
32010	LEASIDE HYDRO STATION EAST YORK	55	2	4	5	6	10	17	24	5	4		
44005	2487 LAKESHORE E/BIRKBECK RDS OAKVILLE	170	1	2	3	5	7	12	13	4	2		
63400	5 KINGSWAY ST SCHREIBER	59	1	3	6	9	25	62	81	10	4		
63401	101 MANITOBA ST SCHREIBER	59	1	1	3	5	9	21	21	4	2		
71042	PUMPHOUSE, BONNEY ST SAULT STE MARIE	345	4	11	27	55	158	424	644	62	25		

TABLE A-19 (cont.) IRON (Fe) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY											
YEAR - 1992		POLLUTANT - IRON IN TOTAL SUSPENDED PARTICULATE			UNIT - .1 MICROGRAMS/CU. METRE						
STATION NUMBER	LOCATION	NO OF SAMPLES		PERCENTILES				ARITH MEAN	GEOM MEAN		
		10	30	50	70	90	99	MAX			
71049	LAND OFFICE, QUEEN ST SAULT STE MARIE	59	1	3	7	10	15	29	37	8	5
71068	WM. HERRIFIELD SCHOOL SAULT STE MARIE	115	1	3	6	10	28	51	70	10	5
77026	19 LISGAR ST SUDBURY	58	1	3	5	8	14	22	30	7	4
77070	PUMPHOUSE NICKEL ST. COPPER CLIFF	56	2	4	6	11	20	36	37	9	6

TABLE A-20 MANGANESE (Mn) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY													
YEAR - 1992		POLLUTANT - MANGANESE IN TOTAL SUSPENDED PARTICULATE UNIT - .001 MICROGRAMS/CU. METRE											
STATION NUMBER	LOCATION	NO OF SAMPLES			PERCENTILES				ARITH MEAN		GEOM MEAN	TIMES ABOVE CRITERIA 24-HR	
		10	30	50	70	90	99	MAX					
12005	7730 RIVERSIDE DR E WINDSOR	58	5	10	20	20	40	71	90	20	15	0	
12007	WRIGHT/WATER ST WINDSOR	53	20	30	40	64	110	167	240	55	42	0	
12008	457 UNIVERSITY AV W WINDSOR	56	10	20	30	30	60	70	70	29	24	0	
12011	DROUILLARD RD/RICHMOND ST WINDSOR	57	20	28	40	50	74	133	170	43	36	0	
12013	FILTRAT PLT,3665 WYANDOTTE ST E WINDSOR	52	11	30	40	70	210	600	710	93	47	0	
12015	SEWAGE STN, HWY 18/PROSPECT WINDSOR	58	20	40	50	70	90	124	130	53	45	0	
12016	COLLEGE/SOUTH ST WINDSOR	56	20	30	40	50	80	119	130	45	37	0	
12038	2885 HOWARD AV WINDSOR	59	20	40	60	80	144	212	230	71	57	0	
12039	DOUGLAS ST/E.C. ROW W WINDSOR	57	26	30	40	50	60	96	120	41	38	0	
12047	DORWIN PLAZA, DOUGALL AV WINDSOR	58	10	20	30	40	50	80	80	31	26	0	
12049	643 ALEXANDRINE WINDSOR	59	10	20	30	40	52	80	80	32	27	0	
14016	HWY40 (OPP LAMBTON GS) COURTRIGHT	57	5	5	5	6	20	24	30	8	7	0	
14030	RR1 (W OF HOUSE) CORUNNA	52	5	5	5	8	19	24	30	8	7	0	
14031	RR1 (W OF BARN) MOORETOWN	53	5	5	5	10	20	51	90	11	8	0	
14064	CENTENNIAL PK,FRONT ST/CN TRACKS SARNIA	55	5	5	10	10	20	24	30	10	9	0	
14152	CHRISTINA/EXMOUTH ST SARNIA	60	5	10	10	20	30	44	50	15	13	0	
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON	59	9	20	20	30	40	70	70	25	20	0	
15008	EDGEWARE RD (KNW VARTA PLT) ST THOMAS	42	5	5	10	20	20	40	40	13	10	0	
15014	POND HILLS RD/DEVERON CRES LONDON	60	5	10	20	20	31	50	50	20	17	0	
15015	951 COMMISSIONERS RD E LONDON	59	5	5	10	20	20	30	30	13	10	0	

TABLE A-20 (cont.) MANGANESE (Mn) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY													
YEAR - 1992		POLLUTANT - MANGANESE IN TOTAL SUSPENDED PARTICULATE UNIT - .001 MICROGRAMS/CU. METRE											
STATION NUMBER	LOCATION	NO OF SAMPLES		PERCENTILES					ARITH MEAN		GEOM MEAN		TIMES ABOVE CRITERIA 24-HR
		10	30	50	70	90	99	MAX					
15016	801 COMMISSIONERS RD E LONDON	55	5	5	10	10	20	41	60	11	9		0
15017	8 MOUNTSFIELD DR LONDON	58	5	10	10	20	30	40	40	15	12		0
17023	423 DEVONSHIRE AVE (LODGE) WOODSTOCK	60	5	10	20	40	331	1269	1600	124	29		0
17024	VANSITTART AVE (LYON'S POOL) WOODSTOCK	57	5	10	20	30	252	493	570	67	26		0
17025	ADMIRAL ST (SEWAGE PLANT) WOODSTOCK	59	5	10	20	20	80	424	430	40	20		0
22907	RAINHAM RD (NEAR STELCO GATE) NANTICOOK	54	20	40	70	120	220	354	410	99	67		0
27008	71 KING ST ST CATHARINES	53	11	20	30	40	50	65	70	30	27		0
29011	BURLINGTON/LEEDS HAMILTON	59	128	200	270	366	508	901	1160	309	265		0
29012	BURLINGTON/WELLINGTON HAMILTON	37	50	70	100	122	160	362	480	106	91		0
29017	CHATHAM/FRID HAMILTON	36	55	85	105	145	245	310	310	126	107		0
29025	BARTON/MENTWORTH HAMILTON	53	72	116	160	232	356	922	1090	213	170		0
29067	450 HUGHSON ST N HAMILTON	45	30	40	60	80	136	221	230	72	60		0
29098	BAY/MAIN ST HAMILTON	56	30	50	70	120	255	436	500	108	75		0
29102	467 BEACH BLVD HAMILTON	51	30	60	120	170	260	369	390	131	94		0
29114	VICKERS RD/EAST 18TH ST HAMILTON	58	20	30	40	60	148	218	230	61	45		0
31058	MOSLEY/LESLIE STS TORONTO	251	20	30	40	60	100	225	320	51	38		0
31103	BAY/GROSVENOR TORONTO	352	20	30	30	40	60	90	110	37	32		0
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	56	10	20	20	30	45	64	70	25	22		0
32010	LEASIDE HYORO STATION EAST YORK	55	10	20	30	40	50	94	100	33	27		0
44005	2487 LAKESHORE E/BIRKBEAK RDS OAKVILLE	170	5	10	20	30	40	60	90	20	15		0
71042	PUMPHOUSE, BONNEY ST SAULT STE MARIE	345	30	80	170	310	556	1148	1810	253	145		0
71049	LAND OFFICE, QUEEN ST SAULT STE MARIE	59	5	20	40	60	92	152	190	46	31		0
71068	WM. MERRIFIELD SCHOOL SAULT STE MARIE	115	5	20	30	60	170	301	310	64	35		0
77026	19 LISGAR ST SUDBURY	39	5	10	10	20	30	46	50	16	12		0

TABLE A-21 NICKEL (NI) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR - 1992		POLLUTANT - NICKEL IN TOTAL SUSPENDED PARTICULATE			UNIT - .001 MICROGRAMS/CU. METRE										TIMES ABOVE CRITERIA 24-HR
STATION NUMBER	LOCATION	NO OF SAMPLES	10	30	PERCENTILES					90	99	MAX	ARITH MEAN	GEOM MEAN	
12005	7730 RIVERSIDE DR E WINDSOR	57	5	5	5	5	7	14	20	6	5	0			
12008	467 UNIVERSITY AV W WINDSOR	56	5	5	5	5	10	30	50	7	6	0			
12011	DROUILLARD RD/RICHMOND ST WINDSOR	57	5	5	5	5	10	20	20	6	6	0			
12013	FILTRAT PLT,3665 WYANDOTTE ST E WINDSOR	52	5	5	5	5	10	103	370	14	6	0			
12015	SEWAGE STN, HWY 18/PROSPECT WINDSOR	57	5	5	5	5	10	20	20	6	6	0			
12016	COLLEGE/SOUTH ST WINDSOR	56	5	5	5	5	5	14	20	5	5	0			
12038	2885 HOWARD AV WINDSOR	59	5	5	5	5	11	44	130	9	6	0			
12039	DOUGLAS ST/E.C. ROW W WINDSOR	57	5	5	5	5	5	7	10	5	5	0			
12047	DORWIN PLAZA, DOUGALL AV WINDSOR	58	5	5	5	5	5	7	10	5	5	0			
12049	643 ALEXANDRINE WINDSOR	59	5	5	5	5	5	10	10	5	5	0			
14016	HWY40 (OPP LAMBTON GS) COURTRIGHT	57	5	5	5	5	20	58	70	9	7	0			
14030	RR1 (W OF HOUSE) CORUNNA	52	5	5	5	5	5	14	20	6	5	0			
14031	RR1 (W OF BARN) MOORETOWN	53	5	5	5	5	5	10	10	5	5	0			
14064	CENTENNIAL PK,FRONT ST/CN TRACKS SARNIA	55	5	5	5	5	15	44	50	8	6	0			
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON	59	5	5	5	5	5	7	10	5	5	0			
15008	EDGEWARE RD (NNW VARTA PLT) ST THOMAS	42	5	5	5	5	5	10	10	5	5	0			
15014	POND MILLS RD/DEVERON CRES LONDON	60	5	5	5	5	5	16	30	6	5	0			
15015	951 COMMISSIONERS RD E LONDON	59	5	5	5	5	5	9	20	5	5	0			
15016	801 COMMISSIONERS RD E LONDON	55	5	5	5	5	5	10	10	5	5	0			
15017	8 MOUNTSFIELD DR LONDON	58	5	5	5	5	5	5	5	5	5	0			
17023	423 DEVONSHIRE AVE (LODGE) WOODSTOCK	60	5	5	5	5	5	5	5	5	5	0			
17024	VANSITTART AVE (LYON'S POOL) WOODSTOCK	57	5	5	5	5	5	10	10	5	5	0			
17025	ADMIRAL ST (SEWAGE PLANT) WOODSTOCK	59	5	5	5	5	5	9	20	5	5	0			
22907	RAINHAM RD (NEAR STELCO GATE) NANTICOK	54	5	5	5	5	5	14	20	5	5	0			
27008	71 KING ST ST CATHARINES	53	5	5	5	5	5	5	5	5	5	0			
27047	DAVIS/FRAZER PORT COLBORNE	54	5	5	20	40	130	467	690	53	20	0			
27052	185 QUEEN ST S THOROLD	31	5	5	5	5	10	22	30	6	6	0			
29011	BURLINGTON/LEEDS HAMILTON	59	5	5	5	5	20	24	30	8	7	0			
29012	BURLINGTON/WELLINGTON HAMILTON	37	5	5	5	5	10	16	20	6	6	0			

TABLE A-21 (cont.) NICKEL (Ni) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY												
YEAR - 1992		POLLUTANT - NICKEL IN TOTAL SUSPENDED PARTICULATE		UNIT - .001 MICROGRAMS/CU.METRE								
STATION NUMBER	LOCATION	NO OF SAMPLES	10	30	PERCENTILES 50	70	90	99	MAX	ARITH MEAN	GEOM MEAN	TIMES ABOVE CRITERIA 24-HR
29017	CHATHAM/FRID HAMILTON	36	5	5	5	5	5	25	40	6	5	0
29025	BARTON/WENTWORTH HAMILTON	53	5	5	5	5	17	28	40	8	6	0
29067	450 HUGHSON ST N HAMILTON	45	5	5	5	5	5	10	10	5	5	0
29098	BAY/MAIN ST HAMILTON	56	5	5	5	5	5	10	10	5	5	0
29102	467 BEACH BLVD HAMILTON	51	5	5	5	5	5	14	20	6	5	0
29114	VICKERS RD/EAST 18TH ST HAMILTON	58	5	5	5	5	5	10	10	5	5	0
31058	MOSLEY/LESLIE STS TORONTO	251	5	5	5	5	5	20	60	6	5	0
31103	BAY/GROSVEHOR TORONTO	352	5	5	5	5	5	20	20	5	5	0
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	56	5	5	5	5	10	14	20	6	6	0
44005	2487 LAKESHORE E/BIRKBANK RDS OAKVILLE	170	5	5	5	5	5	10	30	5	5	0
71042	PUMPHOUSE, BONNEY ST SAULT STE MARIE	221	5	5	5	5	5	20	30	6	5	0
71049	LAND OFFICE, QUEEN ST SAULT STE MARIE	39	5	5	5	5	5	10	10	5	5	0
71068	WM. MERRIFIELD SCHOOL SAULT STE MARIE	76	5	5	5	5	5	10	10	5	5	0
77026	19 LISGAR ST SUDBURY	58	5	20	20	40	90	273	440	45	25	0
77070	PUMPHOUSE NICKEL ST. COPPER CLIFF	56	30	65	120	250	674	1570	1660	259	128	0

TABLE A-22. CHROMIUM (Cr) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY												
YEAR - 1992		POLLUTANT - CHROMIUM IN TOTAL SUSPENDED PARTICULATE		UNIT - .001 MICROGRAMS/CU.METRE								
STATION NUMBER	LOCATION	NO OF SAMPLES	10	30	PERCENTILES 50	70	90	99	MAX	ARITH MEAN	GEOM MEAN	TIMES ABOVE CRITERIA 24-HR
12005	7730 RIVERSIDE DR E WINDSOR	57	5	5	5	5	13	20	20	7	6	0
12007	WRIGHT/WATER ST WINDSOR	53	5	5	5	5	20	31	50	8	7	0
12008	467 UNIVERSITY AV W WINDSOR	56	5	5	5	5	20	30	50	8	7	0
12011	DROUILLARD RD/RICHMOND ST WINDSOR	57	5	5	5	6	20	30	30	8	7	0
12013	FILTRAT PLT.3665 WYANDOTTE ST E WINDSOR	52	5	5	5	10	20	94	230	13	8	0
12015	SEWAGE STN. HWY 18/PROSPECT WINDSOR	58	5	5	5	10	20	30	30	9	8	0
12016	COLLEGE/SOUTH ST WINDSOR	56	5	5	5	10	20	24	30	9	7	0
12038	2895 HOWARD AV WINDSOR	59	5	5	5	10	30	34	40	11	9	0
12039	DOUGLAS ST/E.C. ROW W WINDSOR	57	5	5	5	5	10	20	20	6	6	0

TABLE A-22 (cont.) CHROMIUM (Cr) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY													
YEAR - 1992		POLLUTANT - CHROMIUM IN TOTAL SUSPENDED PARTICULATE		UNIT - .001 MICROGRAMS/CU. METRE									
STATION NUMBER	LOCATION	NO OF SAMPLES	10	30	PERCENTILES	50	70	90	99	MAX	ARITH MEAN	GEOM MEAN	TIMES ABOVE CRITERIA 24-HR
12047	DORWIN PLAZA, DOUGALL AV WINDSOR	58	5	5	5	5	10	20	20	7	6	0	
12049	643 ALEXANDRINE WINDSOR	59	5	5	5	5	20	20	20	8	7	0	
14016	HWY40 (OPP LAMBTON GS) COURTRIGHT	57	5	5	5	5	5	16	30	6	5	0	
14030	RR1 (W OF HOUSE) CORUNNA	52	5	5	5	5	10	28	40	7	6	0	
14031	RR1 (W OF BARN) MOORETOWN	53	5	5	5	5	9	24	30	7	6	0	
14064	CENTENNIAL PK. FRONT ST/CN TRACKS SARNIA	55	5	5	5	5	10	66	120	9	6	0	
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON	59	5	5	5	5	11	20	20	7	6	0	
15008	EDGEWARE RD (NNW VARTA PLT) ST THOMAS	42	5	5	5	5	10	10	10	6	6	0	
15014	POND HILLS RD/DEVERON CRES LONDON	60	5	5	5	5	5	20	20	6	5	0	
15015	951 COMMISSIONERS RD E LONDON	59	5	5	5	5	10	27	40	7	6	0	
15016	801 COMMISSIONERS RD E LONDON	55	5	5	5	5	5	14	20	5	5	0	
15017	8 MOUNTSFIELD DR LONDON	58	5	5	5	5	5	13	20	5	5	0	
17023	423 DEVONSHIRE AVE (LODGE) WOODSTOCK	60	5	5	5	5	10	13	20	6	6	0	
17024	VANSITTART AVE (LYON'S POOL) WOODSTOCK	57	5	5	5	5	10	20	20	7	6	0	
17025	ADMIRAL ST (SEWAGE PLANT) WOODSTOCK	59	5	5	5	5	10	24	30	7	6	0	
22907	RAINHAM RD (NEAR STELCO GATE) NANTICOKE	54	5	5	5	10	20	20	20	9	8	0	
27008	71 KING ST ST CATHARINES	53	5	5	5	5	10	14	20	6	6	0	
27052	185 QUEEN ST S THOROLD	31	5	10	10	20	240	726	800	86	20	0	
29011	BURLINGTON/LEEDS HAMILTON	59	20	20	30	40	52	84	90	32	28	0	
29012	BURLINGTON/WELLINGTON HAMILTON	37	5	5	5	10	24	30	30	9	7	0	
29017	CHATHAM/FRID HAMILTON	36	5	5	5	5	10	20	30	7	6	0	
29025	BARTON/WENTWORTH HAMILTON	53	5	5	5	13	30	171	230	20	10	0	
29067	450 HUGHSON ST N HAMILTON	45	5	5	5	5	20	29	40	8	6	0	
29098	BAY/MAIN ST HAMILTON	56	5	5	5	10	20	34	40	11	8	0	
29102	467 BEACH BLVD HAMILTON	51	5	5	5	10	20	24	30	8	7	0	
29114	VICKERS RD/EAST 18TH ST HAMILTON	58	5	5	5	10	20	44	50	10	7	0	
31058	MOSLEY/LESLIE STS TORONTO	251	5	5	5	10	20	40	50	11	8	0	
31103	BAY/GROSVENOR TORONTO	352	5	5	5	10	20	30	40	9	7	0	
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	56	5	5	5	5	14	20	20	7	6	0	

TABLE A-22 (cont.) CHROMIUM (Cr) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY													
YEAR - 1992		POLLUTANT - CHROMIUM IN TOTAL SUSPENDED PARTICULATE											
		UNIT - .001 MICROGRAMS/CU. METRE											
STATION NUMBER	LOCATION	NO OF SAMPLES	10	30	50	70	90	99	MAX	ARITH MEAN	GEOM MEAN	TIMES ABOVE CRITERIA 24-HR	
32010	LEASIDE HYDRO STATION EAST YORK												
44005	2487 LAKESHORE E/BIRKBANK RDS OAKVILLE	55	5	5	5	5	10	24	30	7	6		0
77026	19 LISGAR ST SUDBURY	170	5	5	5	5	10	20	30	6	6		0
77070	PUMPHOUSE NICKEL ST. COPPER CLIFF	39	5	5	5	5	5	5	5	5	5		0
		35	5	5	5	5	5	20	20	6	6		0

TABLE A-23 CADMIUM (Cd) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY														
YEAR - 1992		POLLUTANT - CADMIUM IN TOTAL SUSPENDED PARTICULATE												
		UNIT - .001 MICROGRAMS/CU.METRE												
STATION NUMBER	LOCATION	NO OF SAMPLES			PERCENTILES					ARITH MEAN		GEOM MEAN	TIMES ABOVE CRITERIA 24-HR	
		10	30	50	70	90	99	MAX						
12005	7730 RIVERSIDE DR E WINDSOR													
		57	1	1	1	1	3	14	52	2	0		0	
12007	WRIGHT/WATER ST WINDSOR													
		53	1	1	1	3	5	8	8	2	1		0	
12008	467 UNIVERSITY AV W WINDSOR													
		56	1	1	1	1	4	12	12	1	1		0	
12011	DROUILLARD RD/RICHMOND ST WINDSOR													
		57	1	1	1	1	3	5	6	1	0		0	
12013	FILTRAT PLT.3665 WYANDOTTE ST E WINDSOR													
		52	1	1	1	2	4	8	10	1	1		0	
12015	SEWAGE STN. HWY 18/PROSPECT WINDSOR													
		57	1	1	1	2	5	18	33	2	1		0	
12016	COLLEGE/SOUTH ST WINDSOR													
		56	1	1	1	1	3	4	5	1	1		0	
12038	2885 HOWARD AV WINDSOR													
		59	1	1	1	1	2	4	5	1	0		0	
12039	DOUGLAS ST/E.C. ROW W WINDSOR													
		57	1	1	1	1	2	4	5	1	0		0	
12047	DORWIN PLAZA, DOUGALL AV WINDSOR													
		58	1	1	1	1	2	4	4	1	0		0	
12049	643 ALEXANDRINE WINDSOR													
		59	1	1	1	1	3	4	4	1	0		0	
14016	HWY40 (OPP LAMBTON GS) COURTRIGHT													
		57	1	1	1	1	1	2	2	0	0		0	
14030	RR1 (W OF HOUSE) CORUNNA													
		52	1	1	1	1	1	1	1	0	0		0	
14031	RR1 (W OF BARN) MOORETOWN													
		53	1	1	1	1	1	2	2	0	0		0	
14064	CENTENNIAL PK. FRONT ST/CN TRACKS SARNIA													
		55	1	1	1	1	1	2	3	0	0		0	
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON													
		59	1	1	1	1	2	3	3	0	0		0	
15008	EDGEWARE RD (NNW VARTA PLT) ST THOMAS													
		42	1	1	1	1	1	2	2	0	0		0	
15014	POND MILLS RD/DEVERON CRES LONDON													
		60	1	1	1	1	1	2	2	0	0		0	
15015	951 COMMISSIONERS RD E LONDON													
		59	1	1	1	1	1	1	2	0	0		0	

TABLE A-23 (cont.) CADMIUM (Cd) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY												
YEAR - 1992		POLLUTANT - CADMIUM IN TOTAL SUSPENDED PARTICULATE			UNIT - .001 MICROGRAMS/CU. METRE							
STATION NUMBER	LOCATION	NO OF SAMPLES	10	30	50	70	90	99	MAX	ARITH MEAN	GEOM MEAN	TIMES ABOVE CRITERIA 24-HR
15016	801 COMMISSIONERS RD E LONDON	55	1	1	1	1	1	2	2	0	0	0
15017	8 MOUNTSFIELD DR LONDON	58	1	1	1	1	1	1	1	0	0	0
17023	423 DEVONSHIRE AVE (LODGE) WOODSTOCK	60	1	1	1	1	1	2	2	0	0	0
17024	VANSITTART AVE (LYON'S POOL) WOODSTOCK	57	1	1	1	1	1	2	2	0	0	0
17025	ADMIRAL ST (SEWAGE PLANT) WOODSTOCK	59	1	1	1	1	1	1	2	0	0	0
22907	RAINHAM RD (NEAR STELCO GATE) NANTICOKE	54	1	1	1	1	1	2	2	0	0	0
27008	71 KING ST ST CATHARINES	53	1	1	1	1	1	3	4	0	0	0
27052	185 QUEEN ST S THOROLD	31	1	1	1	1	1	2	2	0	0	0
29011	BURLINGTON/LEEDS HAMILTON	59	1	1	1	2	3	5	6	1	1	0
29012	BURLINGTON/WELLINGTON HAMILTON	37	1	1	1	1	1	1	0	0	0	0
29017	CHATHAM/FRID HAMILTON	36	1	1	1	1	1	1	1	0	0	0
29025	BARTON/WENTWORTH HAMILTON	53	1	1	1	1	1	4	6	0	0	0
29067	450 HUGHSON ST N HAMILTON	45	1	1	1	1	1	1	2	0	0	0
29098	BAY/MAIN ST HAMILTON	56	1	1	1	1	1	1	1	0	0	0
29102	467 BEACH BLVD HAMILTON	51	1	1	1	1	1	1	2	0	0	0
29114	VICKERS RD/EAST 18TH ST HAMILTON	58	1	1	1	1	1	1	2	0	0	0
31058	MOSLEY/LESLIE STS TORONTO	251	1	1	1	1	2	9	16	1	0	0
31103	BAY/GROSVENOR TORONTO	352	1	1	1	1	2	3	10	1	0	0
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	56	1	1	1	1	1	5	6	0	0	0
32010	LEASIDE HYDRO STATION EAST YORK	55	1	1	1	1	1	4	7	0	0	0
44005	2487 LAKESHORE E/BIRKBEAK RDS OAKVILLE	170	1	1	1	1	1	2	6	0	0	0
63400	5 KINGSWAY ST SCHREIBER	59	1	1	2	4	10	33	54	5	2	0
63401	101 MANITOBA ST SCHREIBER	59	1	1	1	1	2	4	5	0	0	0
77026	19 LISGAR ST SUDBURY	39	1	1	1	1	2	5	6	0	0	0
77070	PUMPHOUSE NICKEL ST. COPPER CLIFF	35	1	1	1	2	6	27	29	3	1	0

TABLE A-24 VANDIUM (V) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY												
YEAR - 1992		POLLUTANT - VANADIUM IN TOTAL SUSPENDED PARTICULATE UNIT - .001 MICROGRAMS/CU. METRE										
STATION NUMBER	LOCATION	NO OF SAMPLES		PERCENTILES					ARITH MEAN		GEOM MEAN	TIMES ABOVE CRITERIA 24-HR
		10	30	50	70	90	99	MAX				
12005	7230 RIVERSIDE DR E WINDSOR	57	5	5	5	5	10	30	30	7	6	0
12007	WRIGHT/WATER ST WINDSOR	53	5	5	5	5	5	10	10	5	5	0
12008	467 UNIVERSITY AV W WINDSOR	56	5	5	5	5	10	20	20	7	6	0
12011	DROUILLARD RD/RICHMOND ST WINDSOR	57	5	5	5	5	10	20	20	6	6	0
12013	FILTRAT PLT.3665 WYANDOTTE ST E WINDSOR	52	5	5	5	5	5	24	30	6	6	0
12015	SEWAGE STN, HWY 18/PROSPECT WINDSOR	57	5	5	5	6	13	24	30	8	7	0
12016	COLLEGE/SOUTH ST WINDSOR	56	5	5	5	5	10	24	30	6	6	0
12038	2885 HOWARD AV WINDSOR	59	5	5	5	5	5	20	20	6	5	0
12039	DOUGLAS ST/E.C. ROW W WINDSOR	57	5	5	5	5	13	24	30	7	6	0
12047	DORWIN PLAZA, DOUGALL AV WINDSOR	58	5	5	5	5	5	24	30	6	5	0
12049	643 ALEXANDRINE WINDSOR	59	5	5	5	5	10	24	30	6	6	0
14016	HWY40 (OPP LAMBTON GS) COURTRIGHT	57	5	5	5	6	30	109	160	14	8	0
14030	RR1 (W OF HOUSE) CORUNNA	52	5	5	5	5	5	20	20	6	5	0
14031	RR1 (W OF BARN) MOORETOWN	53	5	5	5	5	5	20	20	6	6	0
14064	CENTENNIAL PK.FRONT ST/CN TRACKS SARINIA	55	5	5	5	9	30	94	100	14	8	0
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON	59	5	5	5	5	5	10	10	5	5	0
15008	EDGEWARE RD (NNW VARTA PLT) ST THOMAS	42	5	5	5	5	10	15	20	6	6	0
15014	POND MILLS RD/DEVERON CRES LONDON	60	5	5	5	5	5	10	10	6	5	0
15015	951 COMMISSIONERS RD E LONDON	59	5	5	5	5	10	20	20	6	6	0
15016	801 COMMISSIONERS RD E LONDON	55	5	5	5	5	5	24	30	6	6	0
15017	8 MOUNTSFIELD DR LONDON	58	5	5	5	5	10	20	20	7	6	0
17023	423 DEVONSHIRE AVE (LODGE) WOODSTOCK	60	5	5	5	5	10	20	20	6	6	0
17024	VANSITTART AVE (LYON'S POOL) WOODSTOCK	57	5	5	5	5	5	20	20	6	5	0
17025	ADMIRAL ST (SEWAGE PLANT) WOODSTOCK	59	5	5	5	5	10	44	50	8	6	0
22907	RAINHAM RD (NEAR STELCO GATE) NANTICOKE	54	5	5	5	5	20	38	50	10	7	0
27008	71 KING ST ST CATHARINES	53	5	5	5	5	5	14	20	6	5	0
27052	185 QUEEN ST S THOROLD	31	5	5	5	5	10	20	20	6	6	0
29011	BURLINGTON/LEEDS HAMILTON	59	5	5	5	10	20	44	50	10	7	0
29012	BURLINGTON/MELLINGTON HAMILTON	37	5	5	5	5	10	30	30	7	6	0

TABLE A-24 (cont.) VANADIUM (V) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR - 1992		POLLUTANT - VANADIUM IN TOTAL SUSPENDED PARTICULATE					UNIT - .001 MICROGRAMS/CU.METRE					TIMES ABOVE CRITERIA 24-HR		
STATION NUMBER	LOCATION	NO OF SAMPLES	10	30	PERCENTILES					99	MAX		ARITH MEAN	GEOM MEAN
					50	70	90							
29017	CHATHAM/FRID HAMILTON													
29025	BARTON/WENTWORTH HAMILTON	36	5	5	5	5	14	30	30	8	7	0		
29067	450 HUGHSON ST N HAMILTON	53	5	5	5	7	20	70	130	11	7	0		
29098	BAY/MAIN ST HAMILTON	45	5	5	5	5	5	20	20	6	5	0		
29102	467 BEACH BLVD HAMILTON	56	5	5	5	10	20	30	30	10	8	0		
29114	VICKERS RD/EAST 18TH ST HAMILTON	51	5	5	5	10	20	40	40	11	8	0		
31058	MOSLEY/LESLIE STS TORONTO	58	5	5	5	5	10	24	30	7	6	0		
31103	BAY/GROSVENOR TORONTO	251	5	5	5	5	10	20	20	6	5	0		
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	352	5	5	5	5	10	30	30	7	6	0		
32010	LEASIDE HYDRO STATION EAST YORK	56	5	5	5	5	5	14	20	5	5	0		
44005	2487 LAKESHORE E/BIRKBANK RDS OAKVILLE	55	5	5	5	5	8	24	30	6	6	0		
77026	19 LISGAR ST SUDBURY	170	5	5	5	5	10	12	20	6	5	0		
77070	PUMPHOUSE NICKEL ST. COPPER CLIFF	39	5	5	5	5	5	8	10	5	5	0		
		35	5	5	5	5	8	16	20	6	6	0		

TABLE A-25 COPPER (Cu) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR - 1992		POLLUTANT - COPPER IN TOTAL SUSPENDED PARTICULATE					UNIT - .01 MICROGRAMS/CU. METRE							TIMES ABOVE CRITERIA 24-HR
STATION NUMBER	LOCATION	NO OF SAMPLES	10	30	PERCENTILES					99	MAX	ARITH MEAN	GEOM MEAN	
					50	70	90							
12005	7730 RIVERSIDE DR E WINDSOR	58	1	2	3	4	5	8	12	3	3	0		
12007	WRIGHT/WATER ST WINDSOR	53	1	2	3	4	6	7	7	3	2	0		
12008	467 UNIVERSITY AV W WINDSOR	56	1	2	3	3	4	7	8	3	2	0		
12011	DROUILLARD RD/RICHMOND ST WINDSOR	57	2	3	3	4	6	9	9	4	3	0		
12013	FILTRAT PLT.3665 WYANDOTTE ST E WINDSOR	52	1	2	2	4	5	7	7	3	2	0		
12015	SEWAGE STN, HWY 18/PROSPECT WINDSOR	58	1	1	2	3	4	6	6	2	2	0		
12016	COLLEGE/SOUTH ST WINDSOR	56	1	3	4	6	9	28	70	6	3	0		
12038	2885 HOWARD AV WINDSOR	59	2	4	6	8	10	12	12	6	5	0		
12039	DOUGLAS ST/E.C. ROW W WINDSOR	57	2	4	4	6	9	11	11	5	4	0		
12047	DORNIN PLAZA, DOUGALL AV WINDSOR	58	1	1	2	3	8	13	14	3	2	0		
12049	643 ALEXANDRINE WINDSOR	59	2	2	3	5	7	9	12	4	3	0		

TABLE A-25 (cont.) COPPER (Cu) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY													
YEAR - 1992		POLLUTANT - COPPER IN TOTAL SUSPENDED PARTICULATE				UNIT - .01 MICROGRAMS/CU. METRE							
STATION NUMBER	LOCATION	NO OF SAMPLES		PERCENTILES					ARITH MEAN		GEOM MEAN	TIMES ABOVE CRITERIA	
		10	30	50	70	90	99	MAX				24-HR	
14016	HWY40 (OPP LAMTON GS) COURTRIGHT	57	1	1	2	3	4	6	6	2	1	0	
14030	RR1 (W OF HOUSE) CORUNNA	52	1	1	2	2	3	9	11	2	1	0	
14031	RR1 (W OF BARN) MOORETOWN	53	1	1	2	3	5	9	10	2	1	0	
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON	59	1	2	2	3	4	5	5	2	2	0	
15008	EDGEWARE RD (NNW VARTA PLT) ST THOMAS	42	1	1	1	1	2	3	3	1	1	0	
15014	POND MILLS RD/DEVERON CRES LONDON	60	1	1	1	2	4	5	6	1	1	0	
15015	951 COMMISSIONERS RD E LONDON	59	1	1	1	1	2	2	3	1	0	0	
15016	801 COMMISSIONERS RD E LONDON	55	1	1	2	2	4	6	7	2	1	0	
17023	423 DEVONSHIRE AVE (LODGE) WOODSTOCK	58	1	2	2	2	3	4	4	2	2	0	
17024	VANSITTART AVE (LYON'S POOL) WOODSTOCK	60	1	3	4	7	13	31	41	6	4	0	
17025	ADMIRAL ST (SEWAGE PLANT) WOODSTOCK	57	1	2	2	3	5	13	25	3	2	0	
22907	RAINHAM RD (NEAR STELCO GATE) NANTICOKE	59	1	1	1	1	1	2	2	0	0	0	
27008	71 KING ST ST CATHARINES	54	2	3	4	5	7	30	52	5	4	0	
27052	185 QUEEN ST S THOROLD	53	4	5	7	9	13	19	22	8	7	0	
29011	BURLINGTON/LEEDS HAMILTON	31	11	15	18	25	49	72	74	25	18	0	
29012	BURLINGTON/WELLINGTON HAMILTON	59	4	6	8	10	13	20	20	9	8	0	
29017	CHATHAM/FRID HAMILTON	37	2	3	4	7	10	15	17	5	4	0	
29025	BARTON/WENTWORTH HAMILTON	36	3	4	5	7	8	10	10	5	5	0	
29067	450 HUGHSON ST N HAMILTON	53	6	10	12	14	18	34	36	13	11	0	
29098	BAY/MAIN ST HAMILTON	45	1	2	3	4	5	7	7	3	3	0	
29102	467 BEACH BLVD HAMILTON	56	3	5	5	7	9	13	14	6	5	0	
29114	VICKERS RD/EAST 18TH ST HAMILTON	51	2	4	5	6	8	11	12	5	5	0	
31058	MOSLEY/LESLIE STS TORONTO	58	2	3	4	5	10	15	16	5	4	0	
31103	BAY/GROSVENOR TORONTO	251	6	11	16	24	44	65	68	21	15	0	
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	352	3	6	8	13	23	35	74	11	8	0	
32010	LEASIDE HYDRO STATION EAST YORK	56	9	12	19	26	41	53	54	22	18	0	
44005	2487 LAKESHORE E/BIRKBANK RDS OAKVILLE	55	4	6	7	8	11	17	22	8	7	0	
63400	5 KINGSWAY ST SCHREIBER	170	8	13	17	25	34	55	62	20	17	0	
		59	4	7	12	19	37	111	163	18	11	0	

TABLE A-25 (cont.) COPPER (Cu) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY																			
YEAR - 1992		POLLUTANT - COPPER IN TOTAL SUSPENDED PARTICULATE						UNIT - .01 MICROGRAMS/CU.METRE						TIMES ABOVE CRITERIA 24-HR					
STATION NUMBER	LOCATION	NO OF SAMPLES		10		30		PERCENTILES		50		70			90	99	MAX	ARITH MEAN	GEOM MEAN
63401	101 MANITOBA ST SCHREIBER																		
71042	PUMPHOUSE, BONNEY ST SAULT STE MARIE																		
71049	LAND OFFICE, QUEEN ST SAULT STE MARIE																		
71068	WM. MERRIFIELD SCHOOL SAULT STE MARIE																		
77026	19 LISGAR ST SUDBURY																		
77070	PUMPHOUSE NICKEL ST. COPPER CLIFF																		

TABLE A-26 MAXIMUM MONITORED LEVELS FOR TRACE METALS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY												
YEAR - 1992		POLLUTANTS -		CHROMIUM IN TSP UNIT - .001 UG/M3	IRON IN TSP UNIT - .1 UG/M3	CADMIUM IN TSP UNIT - .001 UG/M3	COPPER IN TSP UNIT - .01 UG/M3	NICKEL IN TSP UNIT - .001 UG/M3	VANADIUM IN TSP UNIT - .001 UG/M3	MANGANESE IN TSP UNIT - .001 UG/M3		
STATION NUMBER	LOCATION	NO OF SAMPLES		Cr MAX	V MAX	Fe MAX	Ni MAX	Cd MAX	Mn MAX	Cu MAX		
12005	7730 RIVERSIDE DR E WINDSOR	57	20	30	20	20	52	90	12			
12007	WRIGHT/WATER ST WINDSOR	53	50	10	63	N/A	8	240	7			
12008	467 UNIVERSITY AV W WINDSOR	56	50	20	29	50	12	70	8			
12011	DROUILLARD RD/RICHMOND ST WINDSOR	57	30	20	47	20	6	170	9			
12013	FILTRAT PLT.3665 WYANDOTTE ST E WINDSOR	52	230	30	123	370	10	710	7			
12015	SEWAGE STN. HWY 18/PROSPECT WINDSOR	58	30	30	37	20	33	130	6			
12016	COLLEGE/SOUTH ST WINDSOR	56	30	30	34	20	5	130	70			
12038	2885 HOWARD AV WINDSOR	59	40	20	254	130	5	230	12			
12039	DOUGLAS ST/E.C. ROW W WINDSOR	57	20	30	54	10	5	120	11			
12047	DORWIN PLAZA, DOUGALL AV WINDSOR	58	20	30	39	10	4	80	14			
12049	643 ALEXANDRINE WINDSOR	59	20	30	67	10	4	80	12			
14016	HWY40 (OPP LAMBTON GS) COURTRIGHT	57	30	160	12	70	2	30	6			
14030	RR1 (W OF HOUSE) CORUNNA	52	40	20	8	20	1	30	11			
14031	RR1 (W OF BARN) MOORETOWN	53	30	20	50	10	2	90	10			
14064	CENTENNIAL PK.FRONT ST/CN TRACKS SARNAIA	55	120	100	9	50	3	30	N/A			
14152	CHRISTINA/EXMOUTH ST SARNAIA	60	N/A	N/A	19	N/A	N/A	50	N/A			
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON	59	20	10	20	10	3	70	5			

TABLE A-26 (cont.) MAXIMUM MONITORED LEVELS FOR TRACE METALS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY										
YEAR - 1992		POLLUTANTS -		CHROMIUM IN TSP		UNIT -	.001 UG/M3	NICKEL IN TSP		UNIT -
		IRON IN TSP		UNIT -	.1 UG/M3	VANADIUM IN TSP		UNIT -	.001 UG/M3	
		CADMIUM IN TSP		UNIT -	.001 UG/M3	MANGANESE IN TSP		UNIT -	.001 UG/M3	
		COPPER IN TSP		UNIT -	.01 UG/M3					
STATION NUMBER	LOCATION	NO OF SAMPLES	Cr MAX	V MAX	Fe MAX	Ni MAX	Cd MAX	Mn MAX	Cu MAX	
15008	EDGEWARE RD (NNW VARTA PLT) ST THOMAS									
15014	POND HILLS RD/DEVERON CRES LONDON	42	10	20	12	10	2	40	3	
15015	951 COMMISSIONERS RD E LONDON	60	20	10	41	30	2	50	6	
15016	801 COMMISSIONERS RD E LONDON	59	40	20	7	20	2	30	3	
15017	8 MOUNTSFIELD DR LONDON	55	20	30	11	10	2	60	7	
17023	423 DEVONSHIRE AVE (LODGE) WOODSTOCK	58	20	20	10	5	1	40	4	
17024	VANSITTART AVE (LYON'S POOL) WOODSTOCK	60	20	20	36	5	2	1600	41	
17025	ADMIRAL ST (SEWAGE PLANT) WOODSTOCK	57	20	20	19	10	2	570	25	
22907	RAINHAM RD (NEAR STELCO GATE) NANTICOKE	59	30	50	18	20	2	430	2	
27008	71 KING ST ST CATHARINES	54	20	50	90	20	2	410	52	
27052	185 QUEEN ST S THOROLD	53	20	20	18	5	4	70	22	
29011	BURLINGTON/LEEDS HAMILTON	31	800	20	23	30	2	N/A	74	
29012	BURLINGTON/WELLINGTON HAMILTON	59	90	50	233	30	6	1160	20	
29017	CHATHAM/FRID HAMILTON	37	30	30	50	20	0	480	17	
29025	BARTON/WENTWORTH HAMILTON	36	30	30	56	40	1	310	10	
29067	450 HUGHSON ST N HAMILTON	53	230	130	129	40	6	1090	36	
29098	BAY/MAIN ST HAMILTON	45	40	20	33	10	2	230	7	
29102	467 BEACH BLVD HAMILTON	56	40	30	79	10	1	500	14	
29114	VICKERS RD/EAST 18TH ST HAMILTON	51	30	40	58	20	2	390	12	
31058	MOSLEY/LESLIE STS TORONTO	58	50	30	62	10	2	230	16	
31103	BAY/GROSVENOR TORONTO	251	50	20	76	60	16	320	68	
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	352	40	30	31	20	10	110	74	
32010	LEASIDE HYDRO STATION EAST YORK	56	20	20	17	20	6	70	54	
44005	2487 LAKESHORE E/BIRKBANK RDS OAKVILLE	55	30	30	24	N/A	7	100	22	
63005	HOSP. ARCHIBALD/ARTHUR STS THUNDER BAY	170	30	20	13	30	6	90	62	
63022	HOSPITAL 35 ALGOMA ST N THUNDER BAY	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8	
63400	5 KINGSWAY ST SCHREIBER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7	
63401	101 MANITOBA ST SCHREIBER	59	N/A	N/A	81	N/A	54	N/A	163	
		59	N/A	N/A	21	N/A	5	N/A	69	

TABLE A-26 (cont.) MAXIMUM MONITORED LEVELS FOR TRACE METALS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY											
YEAR - 1992		POLLUTANTS -		CHROMIUM		IRON		CADMIUM		COPPER	
		IN TSP		IN TSP		IN TSP		IN TSP		IN TSP	
		UNIT		UNIT		UNIT		UNIT		UNIT	
		.001 UG/93		.1 UG/93		.001 UG/93		.001 UG/93		.001 UG/93	
		NICKEL		VANADIUM		MANGANESE					
		IN TSP		IN TSP		IN TSP					
		UNIT		UNIT		UNIT					
		.001 UG/93		.001 UG/93		.001 UG/93					
STATION		NO OF	Cr	V	Fe	Ni	Cd	Mn	Cu		
NUMBER	LOCATION	SAMPLES	MAX	MAX	MAX	MAX	MAX	MAX	MAX		
71042	PUMPHOUSE, BONNEY ST SAULT STE MARIE	345	N/A	N/A	644	30	N/A	1810	27		
71049	LAND OFFICE, QUEEN ST SAULT STE MARIE	59	N/A	N/A	37	10	N/A	190	19		
71068	WM. MERRIFIELD SCHOOL SAULT STE MARIE	115	N/A	N/A	70	10	N/A	310	19		
77826	19 LTSGAR ST SUDBURY	39	5	10	30	440	6	50	32		
77070	PUMPHOUSE, NICKEL ST COPPER CLIFF	35	20	20	37	1660	29	N/A	314		

TABLE A-27 NITRATE (NO₃⁻) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY											
YEAR - 1992		POLLUTANT -		NITRATE IN TOTAL		SUSPENDED PARTICULATE		UNIT - .1 MICROGRAMS/CU.METRE			
STATION NUMBER	LOCATION	NO OF SAMPLES			PERCENTILES					ARITH MEAN	GEOM MEAN
		10	30	50	70	90	99	MAX			
12007	WRIGHT/WATER ST WINDSOR	53	19	35	48	62	74	94	99	48	43
12008	467 UNIVERSITY AV W WINDSOR	55	21	33	48	70	80	115	136	52	44
12015	SEWAGE STN, HWY 18/PROSPECT WINDSOR	58	21	38	49	64	85	111	127	52	46
12016	COLLEGE/SOUTH ST WINDSOR	56	24	38	54	63	84	108	108	53	47
12038	2885 HOWARD AV WINDSOR	59	20	29	45	54	71	113	118	46	40
12039	DOUGLAS ST/E.C. ROW W WINDSOR	57	21	34	47	61	72	103	111	48	43
12047	DORWIN PLAZA, DOUGALL AV WINDSOR	58	22	33	46	62	78	99	102	48	43
12049	643 ALEXANDRINE WINDSOR	59	20	33	47	63	74	100	110	48	42
14016	HWY40 (OPP LAMBTON GS) COURTRIGHT	57	14	27	40	51	66	89	92	40	33
14064	CENTENNIAL PK,FRONT ST/CN TRACKS SARNIA	55	10	21	35	49	70	94	96	38	30
15014	POND MILLS RD/DEVERON CRES LONDON	60	15	29	38	49	77	105	106	42	35
15015	901 COMMISSIONERS RD E LONDON	59	14	29	37	52	69	103	108	42	36
15016	801 COMMISSIONERS RD E LONDON	55	15	28	39	51	76	96	100	42	36
15017	8 MOUNTSFIELD DR LONDON	58	16	26	35	47	70	103	104	40	34
22904	WALPOLE S PS, SANDUSK RD NANTICOKE	46	20	28	35	49	68	138	146	43	37
27008	71 KING ST ST CATHARINES	53	22	31	37	50	68	84	86	42	38
29011	BURLINGTON/LEEDS HAMILTON	59	18	26	40	53	78	123	137	45	37
29025	BARTON/WENTWORTH HAMILTON	53	17	26	39	50	72	95	109	42	36

TABLE A-27 (cont.) NITRATE (NO₃⁻) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY												
YEAR - 1992		POLLUTANT - NITRATE IN TOTAL SUSPENDED PARTICULATE			UNIT - .1 MICROGRAMS/CU. METRE							
STATION NUMBER	LOCATION	NO OF SAMPLES		PERCENTILES					ARITH MEAN		GEOM MEAN	
		10	30	50	70	90	99	MAX				
29098	BAY/MAIN ST HAMILTON	56	20	29	42	59	81	120	131	48	42	
29102	467 BEACH BLVD HAMILTON	51	17	24	34	53	75	113	122	42	36	
29114	VICKERS RD/EAST 18TH ST HAMILTON	58	18	27	37	45	70	97	104	41	36	
31103	BAY/GROSVENOR TORONTO	352	11	22	36	54	86	131	144	43	33	
35033	EVANS/ARNOLD AV ETOBICOKE	58	15	29	40	62	88	121	130	48	40	
63200	MTG 615 JAMES ST S THUNDER BAY	58	4	8	10	16	29	56	76	15	11	
71042	PUMPHOUSE, BONNEY ST SAULT STE MARIE	221	4	7	13	19	39	71	88	18	12	
71049	LAND OFFICE, QUEEN ST SAULT STE MARIE	39	4	7	12	21	34	50	51	17	12	
71068	WM. MERRIFIELD SCHOOL SAULT STE MARIE	115	4	8	14	22	32	53	76	17	12	
77026	19 LISGAR ST SUDBURY	58	4	7	10	18	34	64	64	15	11	
77070	PUMPHOUSE NICKEL ST. COPPER CLIFF	35	4	6	7	14	34	51	57	14	9	

TABLE A-28 SULPHATE (SO₄²⁻) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY												
YEAR - 1992		POLLUTANT - SULPHATE IN TOTAL SUSPENDED PARTICULATE			UNIT - .1 MICROGRAMS/CU. METRE							
STATION NUMBER	LOCATION	NO OF SAMPLES		PERCENTILES					ARITH MEAN		GEOM MEAN	
		10	30	50	70	90	99	MAX				
12007	WRIGHT/WATER ST WINDSOR	53	61	70	83	98	128	176	177	90	85	
12008	467 UNIVERSITY AV W WINDSOR	55	61	77	83	99	128	201	213	92	87	
12015	SEWAGE STN, HWY 18/PROSPECT WINDSOR	58	73	82	95	105	126	197	218	99	95	
12016	COLLEGE/SOUTH ST WINDSOR	56	66	78	88	102	132	184	188	96	92	
12038	2885 HOWARD AV WINDSOR	59	57	68	78	93	120	173	176	84	80	
12039	DOUGLAS ST/E.C. ROW W WINDSOR	57	58	78	86	98	120	188	199	90	83	
12047	DORWIN PLAZA, DOUGALL AV WINDSOR	58	54	68	81	95	123	178	185	86	81	
12049	643 ALEXANDRINE WINDSOR	59	56	71	81	91	112	182	196	87	82	
14016	HWY40 (OPP LAMBTON GS) COURTRIGHT	57	56	69	82	99	189	329	365	101	87	
14064	CENTENNIAL PK. FRONT ST/CN TRACKS SARNIA	55	44	57	69	87	128	197	213	78	72	
15014	POND HILLS RD/DEVERON CRES LONDON	60	49	61	72	85	119	189	197	81	74	
15015	951 COMMISSIONERS RD E LONDON	59	48	65	78	92	120	204	209	85	79	

TABLE A-28 (cont.) SULPHATE (SO_4^{2-}) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY											
YEAR - 1992		POLLUTANT - SULPHATE IN TOTAL SUSPENDED PARTICULATE		UNIT - .1 MICROGRAMS/CU. METRE							
STATION NUMBER	LOCATION	NO OF SAMPLES		PERCENTILES					ARITH MEAN	GEOM MEAN	
		10	30	50	70	90	99	MAX			
15016	801 COMMISSIONERS RD E LONDON	55	46	61	72	96	121	167	191	81	75
15017	8 MOUNTSFIELD DR LONDON	58	44	55	69	81	126	237	336	79	70
22904	WALPOLE S PS, SANDUSK RD NANTICOKE	46	59	66	78	105	150	206	231	93	85
27008	71 KING ST ST CATHARINES	53	53	77	87	113	131	232	280	97	90
29011	BURLINGTON/LEEDS HAMILTON	59	71	93	116	140	188	258	261	121	112
29025	BARTON/WENTWORTH HAMILTON	53	75	88	107	138	203	244	246	123	114
29098	BAY/MAIN ST HAMILTON	56	63	79	93	120	165	239	244	106	97
29102	467 BEACH BLVD HAMILTON	51	71	92	120	134	152	243	288	119	112
29114	VICKERS RD/EAST 18TH ST HAMILTON	58	58	71	93	114	157	230	240	100	93
31103	BAY/GROSVENOR TORONTO	352	40	55	71	89	128	236	415	80	71
35033	EVANS/ARNOLD AV ETOBICOKE	58	56	71	85	106	126	201	262	92	86
63200	MTS 615 JAMES ST S THUNDER BAY	58	24	38	44	58	80	116	150	49	44
71042	PUMPHOUSE, BONNEY ST SAULT STE MARIE	221	27	45	72	105	183	253	352	87	67
71049	LAND OFFICE, QUEEN ST SAULT STE MARIE	39	41	52	61	74	98	111	113	65	61
71068	WM. HERRIFIELD SCHOOL SAULT STE MARIE	115	25	38	54	71	101	156	185	59	51
77026	19 LISGAR ST SUDBURY	58	49	60	68	82	102	156	162	74	67
77070	PUMPHOUSE NICKEL ST. COPPER CLIFF	35	38	59	71	83	115	178	197	77	67

TABLE A-29 TOTAL DUSTFALL (TDF) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY																		
REGIONAL ANALYSIS OF MONTHLY DATA																		
POLLUTANT - DUSTFALL-TOTAL SOLIDS		UNIT - 0.1 GMS/SQ M/30 DAYS																
YEAR - 1992																		
REGION - 1 - SOUTHWEST																		
STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM MEAN	GEO STD DEV	
SW NO 15014	POND MILLS RD/DEVERON CRES LONDON	6	7	17	21	18	140	21	13	12	21	14	11	140	25	16	2.20	
SW NO 15015	951 COMMISSIONERS RD E LONDON	4	****	21	20	53	33	****	12	27	14	7	10	53	20	16	2.15	
SW NO 15016	801 COMMISSIONERS RD E LONDON	5	4	13	65	50	41	36	13	12	12	7	12	65	23	16	2.48	
SW NO 15017	8 MOUNTSFIELD DR LONDON	6	10	25	23	27	39	17	35	16	17	12	16	39	20	18	1.70	
WC NO 21031	35 HENRY ST (ROOF) BRANTFORD	29	37	199	54	52	35	30	39	26	31	27	8	199	47	36	2.06	
WC NO 21032	10 ALICE ST (BACKYARD) BRANTFORD	25	36	43	47	32	28	30	36	24	16	22	22	47	30	29	1.36	
WC NO 22070	NANTICOKE RD NANTICOKE	46	49	36	43	28	23	48	38	36	67	27	****	67	40	38	1.36	
WC NO 22092	RAINHAM RD/SANDUSK RD JARVIS	13	19	9	34	17	14	38	29	13	37	****	48	48	25	22	1.74	
WC NO 22093	NANTICOKE GS (FLYASH PILE) NANTICOKE	21	47	11	47	24	15	61	26	12	19	****	67	67	32	26	1.90	
WC NO 22101	STERLING ST (OPP NARCO CD) CALEDONIA	****	****	****	****	****	74	29	31	25	42	12	16	74	33	28	1.82	
WC NO 22103	220 MACRAE DR (POLE IN FRONT) CALEDONIA	****	****	****	****	****	17	27	21	14	27	****	7	27	19	17	1.66	
WC NO 27005	7961 PORTAGE RD CHIPPAWA	43	48	41	75	63	55	63	78	59	33	38	14	78	51	47	1.59	
WC NO 27006	PUC BLDG CHIPPAWA	26	19	18	51	34	****	57	****	****	****	****	****	57	34	31	1.63	
WC NO 27025	474 HARRIET ST WELLAND	27	38	40	47	33	29	37	24	36	31	27	38	47	34	33	1.22	
WC NO 27026	228 CHAFFEY ST WELLAND	29	46	37	50	25	42	30	36	32	22	18	27	50	33	32	1.35	
WC NO 27035	383 ALBERTA ST WELLAND	40	36	46	53	37	35	124	60	60	85	26	43	124	54	49	1.53	
WC NO 27040	37 PLYMOUTH AV ST CATHARINES	49	41	37	63	76	57	82	64	65	19	49	****	82	55	51	1.51	
WC NO 27041	GLENDALE AV/QEW ST CATHARINES	54	79	44	90	49	68	60	53	48	57	44	39	90	57	55	1.28	
WC NO 27042	NIAGARA FALLS RD/ONTARIO ST THOROLD	44	79	70	82	54	73	70	42	29	52	35	39	82	56	53	1.42	
WC NO 27054	CATHERINE/RUSSELL ST CATHARINES	18	44	19	49	32	****	****	****	****	****	****	****	49	32	30	1.59	
WC NO 27063	G H FOUNDRY ST CATHARINES	26	63	31	55	92	37	44	44	35	****	30	21	92	43	40	1.53	
WC NO 28042	HILL/BREADALBANE ST FERGUS	25	33	52	84	37	62	53	71	****	****	****	****	84	52	49	1.51	
WC NO 29001	HUGHSON/HUNTER HAMILTON	10	54	45	71	43	53	40	52	20	51	29	53	71	43	39	1.72	
WC NO 29006	QUEENSTON HAMILTON	27	31	33	90	32	33	45	42	30	42	****	45	90	41	39	1.39	
WC NO 29009	KENILWORTH HAMILTON	42	46	43	60	43	27	35	77	24	34	22	57	77	43	40	1.46	
WC NO 29010	OTTAWA/BURLINGTON HAMILTON	89	136	104	154	97	105	133	142	47	131	88	103	154	111	106	1.38	
WC NO 29011	BURLINGTON/LEEDS HAMILTON	54	74	126	111	112	85	95	109	52	97	39	82	126	86	82	1.44	

NOTE: '****' INDICATES THAT DATA IS NOT AVAILABLE

TABLE A-29 (cont.) TOTAL DUSTFALL (TDF) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

REGIONAL ANALYSIS OF MONTHLY DATA

POLLUTANT	DUSTFALL-TOTAL SOLIDS	UNIT - 0.1 GMS/SQ M/30 DAYS																
YEAR	1992																	
REGION	2 -WEST CENTRAL																	
STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM MEAN	GEO STD DEV	
WC NO 29012	BURLINGTON/WELLINGTON HAMILTON	26	52	47	68	71	48	51	83	30	47	39	64	83	52	50	1.41	
WC NO 29017	CHATHAM/FRID HAMILTON	36	70	62	84	86	66	84	104	****	****	****	****	104	74	71	1.38	
WC NO 29025	BARTON/WENTWORTH HAMILTON	202	86	30	73	60	40	65	47	36	122	29	47	202	70	59	1.79	
WC NO 29036	ROOSEVELT/BEACH HAMILTON	54	201	174	94	133	110	140	124	111	121	57	144	201	122	114	1.48	
WC NO 29044	312 BEACH BLVD HAMILTON	54	81	50	114	74	38	110	94	77	64	56	124	124	78	73	1.44	
WC NO 29074	KANE/HYLTON RESIDENCE GREENSVILLE	23	50	86	52	47	51	75	80	39	46	25	28	86	50	46	1.55	
WC NO 29076	HELDROM/WESITE STS GREENSVILLE	26	30	50	80	59	41	42	57	39	34	26	25	80	42	40	1.45	
WC NO 29082	1190 LEASIDE RD HAMILTON	26	62	37	67	81	65	106	127	116	43	52	71	127	71	65	1.60	
WC NO 29084	REMBE/BEACH BLVD HAMILTON	41	72	39	80	134	44	58	55	74	138	39	62	138	70	63	1.55	
WC NO 29096	OFIELD RD (HAYS PROP) GREENSVILLE	15	39	42	59	51	53	62	34	35	39	56	51	62	45	42	1.47	
WC NO 29097	4TH CONCESSION RD GREENSVILLE	20	33	34	55	38	129	103	73	32	81	23	56	129	56	48	1.81	
WC NO 29102	467 BEACH BLVD HAMILTON	28	35	30	71	39	25	48	48	30	72	49	36	72	43	40	1.42	
WC NO 29109	287 FIFTY RD WINONA	23	41	18	65	48	****	****	****	****	****	****	****	35	39	35	1.70	
WC NO 29137	605 NEBO RD (POLE) HAMILTON	52	20	20	54	54	48	144	172	45	75	21	40	172	62	49	2.00	
WC NO 29138	NEBO RD (RYDER CONCRETE) HAMILTON	30	5	48	69	52	95	131	55	94	115	95	64	131	71	57	2.39	
WC NO 29139	90 ST JOSEPH'S DR (POLE) HAMILTON	24	43	41	45	45	****	****	****	****	****	****	****	45	40	39	1.31	
WC NO 29140	ARVINE/GLOVER ROAD STONEY CREEK	10	34	20	64	33	31	41	60	****	****	****	****	64	37	32	1.82	
WC NO 29141	BARTON ST E/GLOVER STONEY CREEK	19	48	28	46	33	23	83	100	34	43	34	14	100	42	36	1.76	
WC NO 29142	KENORA/KEEFER (POLE AT CORNER) HAMILTON	****	98	132	95	102	60	82	****	40	74	68	39	132	79	74	1.49	
WC NO 29143	KEEFER COURT (MOE AIR SHOP) HAMILTON	****	38	38	57	37	33	49	****	45	31	21	****	57	39	37	1.34	
WC NO 29144	BARTON/MCNEILLY RD STONEY CREEK	****	****	****	****	****	****	****	****	39	45	18	85	85	47	40	1.89	
WC NO 29217	CHATHAM/FANNING HAMILTON	20	37	35	49	48	32	49	19	17	83	24	23	83	36	33	1.62	
WC NO 29230	80 CAMEO AVE (POLE IN FRONT) HAMILTON	21	32	46	84	54	65	33	21	26	41	16	128	128	47	39	1.85	
WC NO 29231	8 AUDREY AVE (POLE IN FRONT) HAMILTON	18	43	27	56	36	35	49	41	23	64	21	92	92	42	38	1.62	
WC NO 29273	OLFIELD RD S/HAY S GREENSVILLE	20	26	29	50	27	42	71	43	28	44	30	31	71	37	35	1.42	

NOTE: "****" INDICATES THAT DATA IS NOT AVAILABLE

TABLE A-29 (cont.) TOTAL DUSTFALL (TDF) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY															
REGIONAL ANALYSIS OF MONTHLY DATA															
POLLUTANT - DUSTFALL-TOTAL SOLIDS															
UNIT - 0.1 GHS/SQ M/30 DAYS															
YEAR - 1992															
REGION - 3 -CENTRAL															
STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEO STD MEAN DEV
C NO 31019	661 EASTERN AV TORONTO 23	98	41	37	59	61	8	71	54	37	73	****	98	51	43 1.99
C NO 31050	BATHURST/FRONT STS TORONTO 12	35	20	51	****	65	61	63	103	58	81	86	103	58	50 1.92
C NO 31054	PORTLAND/WELLINGTON ST TORONTO 16	37	17	57	31	32	22	43	34	20	25	12	57	29	26 1.57
C NO 31055	TECUMSETH ST (THE END) TORONTO 14	73	39	156	45	****	****	****	****	****	****	****	156	65	49 2.42
C NO 31056	WELLINGTON/NIAGARA STS TORONTO 34	53	52	96	****	****	****	****	****	****	****	****	96	59	55 1.53
C NO 31058	MOSLEY/LESLIE STS TORONTO 27	****	****	****	33	43	41	10	28	40	31	****	43	32	29 1.60
C NO 31059	RUSHBROOKE/EASTERN AV TORONTO 36	84	42	39	42	36	22	59	53	32	30	****	84	43	41 1.43
C NO 31060	LESLIE/QUEEN ST E TORONTO 21	60	35	32	43	100	19	73	24	38	41	****	100	44	39 1.68
C NO 31065	633 EASTERN AV TORONTO 15	102	134	30	34	82	26	32	57	18	24	15	134	47	36 2.10
C NO 31074	CNR PROPERTY, TECUMSETH ST TORONTO 12	31	****	44	30	46	40	40	38	25	49	32	49	35	33 1.48
C NO 31082	WORKS DEPT. 138 HAMILTON AV TORONTO 42	27	30	26	42	26	22	44	****	30	28	33	44	32	31 1.26
C NO 31085	TECUMSETH/NIAGARA ST TORONTO ****	48	52	****	35	36	23	31	41	34	24	****	52	36	35 1.32
C NO 31177	RCYC CRANE POLE, QUEENS QUAY TORONTO 8	12	48	31	****	****	****	****	****	****	****	****	48	25	19 2.29
C NO 31182	WELLINGTON ST (POLE #BT 78) TORONTO 14	53	37	48	39	46	59	42	43	26	26	22	59	38	35 1.52
C NO 31183	FORT YORK TORONTO 20	22	12	49	93	390	100	38	32	33	20	23	390	69	40 2.59
C NO 31184	TECUMSETH ST (NW NIAGARA ST) TORONTO 21	49	86	70	39	35	29	45	45	27	38	51	86	45	41 1.48
C NO 33038	PARKS DEPT YARD, BRIMLEY RD SCARBORO 17	27	18	18	13	30	19	81	38	21	26	****	81	28	24 1.65
C NO 33039	BRIMLEY RD (POLE 74C) SCARBORO 40	26	23	19	49	43	131	33	42	30	21	****	131	42	35 1.71
C NO 33040	29 BOYCE AV/BRIMLEY RD SCARBORO 28	31	38	20	****	****	****	****	****	****	****	****	38	29	28 1.31
C NO 33050	MIDLAND/PASSMORE SCARBOROUGH 14	56	39	24	****	****	****	****	****	****	****	****	56	33	29 1.83
C NO 33051	MIDLAND/ARTILLERY SCARBOROUGH 21	33	16	18	****	****	****	****	****	****	****	****	33	22	21 1.37
C NO 33052	MIDLAND/MCNICOLL SCARBOROUGH 27	18	18	24	****	****	****	****	****	****	****	****	27	22	21 1.23
C NO 34030	YELLAND STREET NORTH YORK 25	****	0	34	80	20	18	16	22	29	31	26	80	27	20 2.95
C NO 34031	QUEENSLEA AVE NORTH YORK 25	35	20	57	****	****	****	****	****	****	****	****	57	34	32 1.58
C NO 34032	CARDELL AVE NORTH YORK 20	19	25	34	****	****	****	****	****	****	****	****	34	25	24 1.30
C NO 34033	21 HOLLEY ST NORTH YORK 30	39	28	170	****	****	****	****	****	****	****	****	170	67	49 2.33

NOTE: '****' INDICATES THAT DATA IS NOT AVAILABLE

TABLE A-29 (cont.) TOTAL DUSTFALL (TDF) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

REGIONAL ANALYSIS OF MONTHLY DATA

POLLUTANT - DUSTFALL-TOTAL SOLIDS		UNIT - 0.1 GMS/SQ M/30 DAYS															
YEAR	- 1992																
REGION	- 3 -CENTRAL																
STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM MEAN	GEO STD DEV
C NO 35011	WHITLAM AV/22ND ST ETOBICOKE	19 33 24 25	****	****	****	****	****	****	****	****	****	****	****	39	27	26	1.35
C NO 35016	70 JUDSON ST ETOBICOKE	32 35 20	21	24	23	32	25	30	25	36	30	36	28	27	1.22		
C NO 35017	60 JUDSON ST ETOBICOKE	21 28 10	20	60	79	71	54	54	65	33	35	79	44	38	1.87		
C NO 35018	JUDSON ST ETOBICOKE	16 30 13	27	34	34	34	34	41	35	29	15	41	29	27	1.47		
C NO 35019	24 HAROLD ST ETOBICOKE	18 19 17	22	26	14	20	40	32	27	12	14	40	22	20	1.43		
C NO 36026	40 KEITH AV YORK	22 32 21	23	****	****	****	****	****	****	****	****	****	****	32	25	24	1.21
C NO 36027	43 KEITH AV YORK	21 30 80	27	****	****	****	****	****	****	****	****	****	****	80	40	34	1.80
C NO 36028	425A GILBERT AV YORK	18 32 7	16	27	25	35	31	45	35	15	11	45	25	22	1.74		
REGION	- 4 -CENTRAL																
STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM MEAN	GEO STD DEV
C NO 44005	2487 LAKESHORE E/BIRKBECK RDS OAKVILLE	7 20 49 71	31 29	30	61	36	86	20	24	86	39	32	1.97				
C NO 44006	494 WINSTON CHURCHILL RD OAKVILLE	13 19 12	22 30	34	12	70	27	40	16	27	70	27	23	1.71			
C NO 45042	2 LAKE DR BOWMANVILLE	48 14 52	31	25	36	32	15	43	27	11	35	52	31	28	1.65		
C NO 45044	36 CEDARCREST BEACH BOWMANVILLE	12 14 21	39 23	27	36	15	17	70	22	17	70	26	23	1.65			
C NO 45045	COVE ROAD (HYDRO POLE) BOWMANVILLE	20 19 103	67 78	21	145	72	51	50	19	15	145	55	42	2.18			
C NO 45061	THICKSON RD (POLE #330) WHITBY	46 14 74	49 23	40	50	42	72	30	27	****	74	42	38	1.64			
C NO 45063	THICKSON RD (POLE #39) WHITBY	25 41 28	22 42	43	64	32	37	14	64	22	64	36	33	1.57			
C NO 45073	HWY7/12 (WILKINSON DECK) SUNDERLAND	17 19 31	24 ****	****	****	****	****	****	****	****	****	31	23	22	1.31		
C NO 45074	HWY7/12 (WILKSON GARDEN) SUNDERLAND	15 16 23	75 ****	****	****	****	****	****	****	****	****	75	32	25	2.11		
C NO 46008	1329 KENDALL RD MISSISSAUGA	28 25 32	21 ****	****	****	****	****	****	****	****	****	32	27	26	1.20		
C NO 46009	VENTA AV/DENISE RD MISSISSAUGA	20 ****	51 26	35	15	15	35	36	****	7	32	51	27	24	1.80		
C NO 46010	6 DUNDIX RD MISSISSAUGA	16 17 12	23 ****	****	****	****	****	****	****	****	****	23	17	17	1.31		
C NO 46011	PS. MELTON DR/RAMBO MISSISSAUGA	16 15 15	20 11	31	****	34	****	****	****	****	****	34	20	19	1.51		
C NO 46024	2480 HWY122 MISSISSAUGA	17 36 25	63 ****	****	****	****	****	****	****	****	****	63	35	31	1.75		
C NO 46029	SOUTHDOWN/OKR RDS MISSISSAUGA	17 40 32	92 77	85	13	186	65	23	20	33	186	57	42	2.24			
C NO 46030	1233 KANE RD. MISSISSAUGA	****	****	****	****	****	****	21	45	25	17	34	45	28	27	1.47	

NOTE: "****" INDICATES THAT DATA IS NOT AVAILABLE

TABLE A-29 (cont.) TOTAL DUSTFALL (TDF) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY																
REGIONAL ANALYSIS OF MONTHLY DATA																
POLLUTANT -	DUSTFALL-TOTAL SOLIDS															UNIT - 0.1 GMS/SQ M/30 DAYS
YEAR	- 1992															
REGION	- 4 -CENTRAL															
STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM MEAN	GEO STD DEV
C NO 46032	KANE RD (ESSO GATE) MISSISSAUGA **** **															
C NO 46045	2365 DIXIE RD MISSISSAUGA 32 **** 31 41 36 29 19 23 15 **** 18 **** 41 27 26 1.41															
C NO 46046	2360 DIXIE RD MISSISSAUGA 14 12 16 17 15 24 22 22 **** **** 13 14 24 17 16 1.27															
C NO 46047	MISSISSAUGA RD S/PORT ST MISSISSAUGA **** **															
C NO 46049	PINE AVE MISSISSAUGA **** **															
C NO 46050	WESLEY CRES/HIGH ST MISSISSAUGA 19 26 30 30 109 109 **** **** **** **** 109 46 36 2.04															
C NO 46051	HARRISON/HIGH ST MISSISSAUGA 16 16 23 29 26 31 30 30 **** **** **** **** 31 25 24 1.32															
C NO 46052	130 QUEEN ST W MISSISSAUGA 10 18 17 17 12 30 29 29 **** **** **** **** 30 20 19 1.52															
C NO 46053	QUEEN ST/PINE AVE MISSISSAUGA 276 70 16 45 22 28 17 29 21 174 16 21 276 61 36 2.59															
C NO 46054	206 QUEEN ST MISSISSAUGA 17 19 21 22 28 36 17 17 **** **** **** **** 36 22 21 1.31															
C NO 46097	493 BOB-O-LINK RD MISSISSAUGA 50 26 23 36 27 21 37 31 33 29 15 41 50 31 29 1.38															
C NO 46099	1801 ORR ST MISSISSAUGA 19 25 56 25 22 17 20 43 29 146 0 28 146 36 23 3.18															
C NO 46117	MEADOW PK, APPLE LANE CLUB MISSISSAUGA 7 10 19 23 25 30 21 30 23 152 9 31 152 32 22 2.20															
C NO 46258	LAKEVIEW GS 920 EASTERN 50 45 60 38 **** **** **** **** **** **** **** 60 48 48 1.21															
C NO 46259	LAKEVIEW GS 920 EASTERN POLE 33 20 28 34 23 **** **** **** **** **** **** **** 34 26 26 1.26															
C NO 46260	LAKEVIEW GS 920 EASTERN POLE 39 13 21 27 29 **** 25 17 26 24 46 18 **** 46 25 23 1.41															
C NO 47025	RR#3 (BEAVERTON) HAVA TOWNSHIP 62 73 59 49 50 27 73 57 60 32 29 **** 73 52 49 1.43															
C NO 47026	HYDRO POLE ROAD #50 HAVA TOWNSHIP 34 31 14 23 105 **** 38 30 31 95 14 30 105 40 33 1.90															
C NO 47027	RR#1 (BRECHIN) HAVA TOWNSHIP 18 10 16 20 45 17 24 41 41 13 16 **** 45 24 21 1.65															
C NO 58027	51 SHUTER ST PORT HOPE 18 15 9 30 38 22 9 5 10 17 7 7 38 16 13 1.87															
C NO 58028	2 CHOATE ST PORT HOPE 11 16 11 20 24 16 15 7 10 13 **** 5 24 13 12 1.57															
C NO 58041	FILT PLT, MARSH ST PORT HOPE 15 32 18 **** 53 59 37 47 64 **** 20 7 64 35 29 2.05															
C NO 58042	CAN TIRE, QUEEN ST PORT HOPE 22 21 8 23 27 17 28 34 20 10 14 17 34 20 19 1.52															

NOTE: "****" INDICATES THAT DATA IS NOT AVAILABLE

TABLE A-29 (cont.) TOTAL DUSTFALL (TDF) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY																	
REGIONAL ANALYSIS OF MONTHLY DATA																	
POLLUTANT - DUSTFALL-TOTAL SOLIDS																	
UNIT - 0.1 GMS/SQ M/30 DAYS																	
YEAR - 1992																	
REGION - 6 - NORTHWEST																	
STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM MEAN	GEO STD DEV	
NW NO 61003	128 FOURTH ST N/HAIN ST N	6	8	7	28	40	65	33	****	****	****	****	65	27	19	2.63	
NW NO 61007	HELICK/NINTH ST N (HYD POLE) KENORA	14	11	14	26	82	47	59	****	****	****	****	82	36	28	2.22	
NW NO 61008	HELICK AV/ELEVENTH ST N KENORA	5	31	21	35	64	79	60	****	****	****	****	79	42	32	2.57	
NW NO 61009	229 THIRD ST N KENORA	5	17	16	37	47	73	28	****	****	****	****	73	32	24	2.41	
NW NO 61022	EARL AV/ALBERT ST DRYDEN	9	16	16	30	38	24	18	****	****	****	****	38	22	20	1.61	
NW NO 61028	96 ALBERT ST (POLE) DRYDEN	11	8	20	33	36	40	42	****	****	****	****	42	27	23	1.95	
NW NO 62032	CEMETERY, COLONIZATION RD W FORT FRANCES	9	35	7	24	****	62	75	35	39	8	8	16	75	29	21	2.39
NW NO 62033	NELSON ST/PORTAGE AV FORT FRANCES	21	22	33	44	157	64	86	146	100	30	35	6	157	62	44	2.55
NW NO 62034	FIRST ST/VICTORIA AV FORT FRANCES	16	21	19	51	68	59	41	56	68	15	22	10	68	37	31	1.97
NW NO 62035	LEGION BLDG, 250 CHURCH ST FORT FRANCES	18	32	28	45	101	59	49	64	123	49	18	14	123	50	41	1.98
NW NO 62036	SINCLAIR ST/VICTORIA AV FORT FRANCES	21	25	47	72	106	63	68	72	96	43	31	22	106	56	48	1.77
NW NO 62037	REID AV/GILLON ST FORT FRANCES	8	14	28	38	34	47	23	56	22	16	19	10	56	26	22	1.82
NW NO 62046	308 SINCLAIR ST FORT FRANCES	36	47	60	24	113	76	92	141	121	57	51	42	141	72	63	1.71
NW NO 62050	319 NELSON ST FORT FRANCES	12	28	38	****	126	56	48	84	57	24	17	15	126	46	36	2.11
NW NO 63046	CAN-CAR, MONTREAL ST THUNDER BAY	12	14	7	98	45	37	35	47	54	27	9	20	98	34	26	2.23
NW NO 63047	TOTEM TRAILER PK, HWY 618 THUNDER BAY	24	23	13	51	66	68	57	87	85	51	22	19	87	47	40	1.92
REGION - 7 - NORTH EAST																	
STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM MEAN	GEO STD DEV	
NE NO 71015	PS, PITTSBURG/YOUNG ST SAULT STE MARIE	44	22	50	48	48	53	36	45	69	37	58	39	69	46	44	1.33
NE NO 71042	PUMPHOUSE, BONNEY ST SAULT STE MARIE	53	28	38	58	43	79	101	74	132	30	51	49	132	61	55	1.60
NE NO 71043	WILDING/WALLACE TERRACE SAULT STE MARIE	53	21	24	57	62	104	24	42	44	46	51	21	104	46	41	1.65
NE NO 71045	73 ADELAIDE ST SAULT STE MARIE	24	16	30	57	20	42	55	42	****	38	5	23	57	32	27	2.00
NE NO 71046	FAIRVIEW AV SAULT STE MARIE	44	38	47	64	31	34	35	73	105	61	29	23	105	49	44	1.55
NE NO 71049	LAND OFFICE, QUEEN ST SAULT STE MARIE	15	13	31	32	21	****	****	****	****	****	****	****	32	22	21	1.51
NE NO 72018	SECOND/FRONT STS (HYD POLE) HEARST	21	16	26	52	55	102	30	112	34	40	39	9	112	45	36	2.06
NE NO 72026	GILLIES ST TIMMINS	14	10	19	26	29	104	55	49	84	47	22	44	104	42	34	2.03

NOTE: "****" INDICATES THAT DATA IS NOT AVAILABLE

TABLE A-29 (cont.) TOTAL DUSTFALL (TDF) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY																
REGIONAL ANALYSIS OF MONTHLY DATA																
POLLUTANT - DUSTFALL-TOTAL SOLIDS	UNIT - 0.1 GMS/SQ M/30 DAYS															
YEAR - 1992																
REGION - 7 -NORTH EAST																
STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM MEAN	GEO STD DEV
NE NO 72034	WAFERBOARD PLT. HWY 101 TIMMINS															
	43	62	71	32	125	20	14	21	17	16	25	5	125	38	27	2.36
NE NO 72041	CUSTOM SAWMILL RD HEARST															
	88	5	16	25	33	****	****	****	****	****	****	****	88	33	23	2.85
NE NO 72060	2 MCPHERSON AV. KAPUSKASING															
	29	13	27	107	69	65	75	75	66	76	19	12	107	53	42	2.15
NE NO 72061	4 RIVERSIDE DR. KAPUSKASING															
	16	14	30	100	167	59	66	132	67	37	30	21	167	62	46	2.25
NE NO 72080	CUSTOM SAWMILL RD (LEBLANC PROP) HEARST															
	19	14	17	29	31	49	19	98	26	14	12	16	98	29	23	1.83
NE NO 72082	HWY 11/HWY 583 HEARST															
	18	14	37	51	49	51	29	64	47	22	14	12	64	34	29	1.82
NE NO 72086	3RD STREET/16TH AVENUE COCHRANE															
	101	117	17	23	20	76	18	11	34	42	7	46	117	43	30	2.40
NE NO 72087	4TH STREET/17TH AVENUE COCHRANE															
	12	7	9	24	16	****	****	****	****	****	****	****	24	14	12	1.62
NE NO 72088	LANG AV. KAPUSKASING															
	16	8	24	82	78	****	89	89	****	39	19	24	89	47	35	2.35
NE NO 72090	CECIL'S CAMPING, HWY11 HEARST															
	46	59	21	44	35	33	43	39	20	30	25	55	59	38	36	1.42
NE NO 72093	DETOUR LAKE RD COCHRANE															
	8	8	7	33	28	****	****	****	****	****	****	****	33	17	13	2.14
NE NO 72096	DETOUR LAKE RD COCHRANE															
	18	85	21	27	29	****	****	****	****	****	****	****	85	36	30	1.84
NE NO 72097	HWY11 PLANT GATE ENTRANCE ENGLEHART															
	60	15	14	41	48	****	****	****	****	****	****	****	60	36	30	1.98
NE NO 72098	KAPKIGIWAN RD SKM 5 HWY11 ENGLEHART															
	62	72	19	64	43	****	****	****	****	****	****	****	72	52	47	1.72
NE NO 75042	DYMOND TWP QUARRY NEW LISKEARD															
	16	6	16	31	26	****	****	****	****	****	****	****	31	19	17	1.89
NE NO 75043	1169 LAKESHORE NEW LISKEARD															
	22	10	21	13	18	****	****	****	****	****	****	****	22	17	16	1.40
NE NO 75044	NEW LISKEARD															
	14	27	23	17	20	****	****	****	****	****	****	****	27	20	20	1.29
NE NO 75047	HWY69 SOUTH GEORGINA PERF. PERRY SOUND															
	****	****	****	****	****	****	125	140	19	65	****	****	27	20	20	1.29
NE NO 77208	OLD AGE HOME, MEAD/PARK LANE ESPANOLA															
	34	64	59	32	39	****	****	****	****	****	****	****	64	46	44	1.38
NE NO 77226	LASALLE BLVD (NIM DISPOSAL YD) SUDBURY															
	25	34	25	27	38	57	27	27	46	****	****	****	57	34	33	1.35

NOTE: '****' INDICATES THAT DATA IS NOT AVAILABLE

TABLE A-30 FLUORIDATION RATE (FLR) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY																
REGIONAL ANALYSIS OF MONTHLY DATA																
POLLUTANT - FLUORIDATION RATE																
UNIT - MICROGMS/100 SQ CM/MONTH																
YEAR - 1992																
REGION - 1 - SOUTHWEST																
STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM MEAN	GEO STD DEV
SW NO 12007	WRIGHT/WATER ST 19	WINDSOR 29	18	31	34	24	****	****	27	18	21	29	34	25	24	1.27
AQI NO 12008	467 UNIVERSITY AV W 20	WINDSOR 26	18	18	16	25	****	****	32	17	24	35	35	23	22	1.31
SW NO 12015	SEWAGE STN, HWY 18/PROSPECT 3	WINDSOR 63	24	27	50	37	****	****	31	48	36	57	63	38	30	2.40
AQI NO 12016	COLLEGE/SOUTH ST 18	WINDSOR 27	16	21	20	26	****	****	22	20	25	40	40	24	23	1.29
SW NO 12040	225 WILLOW DR 39	LA SALLE 18	57	17	21	19	****	****	17	16	20	28	57	25	23	1.52
SW NO 12053	415 FRONT ST 13	AMHERSTBURG 24	16	12	19	16	****	****	19	13	25	32	32	19	18	1.38
SW NO 12074	57 NORTH ST 12	AMHERSTBURG 17	12	16	17	14	****	****	13	9	14	32	32	16	15	1.40
SW NO 12087	459 TEXAS RD 18	AMHERSTBURG 38	14	36	23	24	****	****	22	14	21	37	38	25	23	1.45
SW NO 12088	326 TEXAS RD 27	AMHERSTBURG 24	40	70	45	35	****	****	30	16	25	37	70	35	32	1.50
SW NO 12092	210 BALACLAVA 13	AMHERSTBURG 35	15	20	33	23	****	****	18	13	18	51	51	24	22	1.58
SW NO 12095	208-210 ALMA ST 12	AMHERSTBURG 15	10	11	19	16	****	****	17	18	19	33	33	17	16	1.41
SW NO 14004	CON RD 14 (E OF HWY TRACK) 18	COURTRIGHT 15	13	14	51	35	****	****	18	15	16	26	51	22	20	1.57
SW NO 17007	CARNEGIE/BRUCE ST 16	INGERSOLL 84	12	17	21	107	****	****	20	15	24	29	107	35	26	2.08
SW NO 17009	PEMBERTON ST (CIL ENTRANCE) 39	INGERSOLL 28	95	45	73	69	****	****	86	32	34	80	95	60	54	1.62
REGION - 2 - WEST CENTRAL																
STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM MEAN	GEO STD DEV
WC NO 22057	LAUREK PROP 22	NANTICOKE 17	26	13	18	15	45	51	14	18	25	39	45	23	21	1.50
WC NO 22074	TEXACO PROP 17	NANTICOKE 44	20	15	27	19	27	29	19	20	17	25	44	23	22	1.35
WC NO 22083	HWY 6/QUATERLINE RD 15	JARVIS 9	14	19	32	24	25	19	14	13	8	21	32	18	16	1.54
WC NO 22101	STERLING ST (OPP NARCO CD) ****	CALEDONIA ****	****	****	17	22	14	****	14	8	18	22	16	15	1.47	
WC NO 22103	220 MACRAE DR (POLE IN FRONT) ****	CALEDONIA ****	****	****	18	16	10	****	11	7	13	18	13	12	1.45	
WC NO 22961	NANTICOKE RD/WALPOLE CON 2 22	NANTICOKE 19	82	25	50	35	105	38	44	33	18	24	105	42	35	1.79
WC NO 29001	HUGHSON/HUNTER 17	HAMILTON 17	15	76	34	30	46	****	43	37	10	18	76	32	27	1.80
WC NO 29012	BURLINGTON/HELLINGTON 15	HAMILTON 49	14	31	27	25	38	****	36	29	11	16	49	26	24	1.61
WC NO 29025	BARTON/WENTWORTH 19	HAMILTON 66	50	80	46	46	69	****	66	42	17	21	80	47	42	1.74
WC NO 29054	BEACH/CONRAD 33	HAMILTON 17	31	20	33	19	68	****	57	39	22	25	68	33	30	1.56
WC NO 29059	BURL/GAGE PUMPING STN 32	HAMILTON 27	59	113	101	63	101	****	98	49	37	31	113	65	57	1.71

NOTE: '****' INDICATES THAT DATA IS NOT AVAILABLE

TABLE A-30 (cont.) FLUORIDATION RATE (FLR) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY																
REGIONAL ANALYSIS OF MONTHLY DATA																
POLLUTANT - FLUORIDATION RATE																
UNIT - MICROGHS/100 SQ CH/MONTH																
YEAR	- 1992															
REGION	- 2 -WEST CENTRAL															
STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM MEAN	GEO STD DEV
WC NO 29062	BRIARWOOD VOC SCHOOL HAMILTON 17 13 40 16 30 36 123 ****															
WC NO 29066	KILLARNEY ST (POLE #2) HAMILTON 37 30 62 27 25 30 64 ****															
WC NO 29115	LONDON/JUSTINE (NW CORNER) HAMILTON 22 16 30 16 111 162 377 ****															
WC NO 29116	DALKEITH/OTTAWA HAMILTON 28 26 29 41 55 40 85 ****															
WC NO 29119	MORLEY ST/PARKDALE AV HAMILTON 19 14 48 95 36 36 78 ****															
WC NO 29120	12 DICKSON ST HAMILTON 17 20 49 18 103 79 148 ****															
WC NO 29126	ROSSLYN/MONTCLAIR (NE CORNER) HAMILTON 38 42 16 68 103 108 344 ****															
WC NO 29127	LAWRENCE/BALMORAL HAMILTON 20 51 46 43 674 937 2091 ****															
WC NO 29129	PROVINCE/JUSTINE HAMILTON 19 18 17 34 52 76 201 ****															
WC NO 29131	CENTRAL/GRAHAM (NW CORNER) HAMILTON 19 12 15 20 36 68 199 ****															
REGION	- 4 -CENTRAL															
STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM MEAN	GEO STD DEV
C NO 44005	2487 LAKESHORE E/BIRKBEAK RDS OAKVILLE 4 43 11 16 14 15 24 16 9 19 10 9 43 16 14 1.80															
C NO 44006	494 WINSTON CHURCHILL RD OAKVILLE 4 9 13 13 15 15 17 14 9 14 13 8 17 12 11 1.50															
C NO 44033	HALTON SPORTSMAN STEELES AVE MILTON 5 33 23 25 15 20 28 18 10 19 24 12 33 19 17 1.69															
C NO 44034	HWY22/STEELES AVE MILTON 4 16 8 23 14 16 24 16 9 13 16 11 24 14 13 1.64															
C NO 44035	HWY22/TOWNLINE (BELL POLE F5) TOWNLINE 6 22 10 29 18 23 57 22 10 18 19 13 57 21 18 1.79															
C NO 44036	#21 FIRST LINE/STEELES MILTON 5 15 13 32 16 21 15 18 10 12 17 6 32 15 13 1.67															
C NO 44100	5223 HWY5 BURLINGTON 347 288 33 205 209 407 588 247 352 225 317 154 588 281 238 2.05															
C NO 44101	5236 HWY5 BURLINGTON 151 182 171 85 103 232 266 168 121 138 228 99 266 162 153 1.44															
C NO 44102	2282 ORCHARD RD BURLINGTON 13 23 62 36 33 28 47 29 17 26 33 21 62 31 28 1.53															
C NO 44103	LADLAW BUS YARD/HWY 5 BURLINGTON 100 83 69 120 95 55 140 99 112 100 382 77 382 119 104 1.62															
C NO 44104	APPLEBY LINE/HARRISON BURLINGTON 29 33 32 63 75 38 73 45 27 47 63 144 144 56 49 1.64															
C NO 44105	HARRISON CT (N END) BURLINGTON 77 185 21 299 118 151 90 172 96 112 211 107 299 137 116 1.95															
C NO 46027	HWY122/SOUTHOWN RD MISSISSAUGA 4 25 15 15 17 16 20 22 14 6 26 15 26 16 15 1.74															
C NO 46029	SOUTHOWN/OKR RDS MISSISSAUGA 5 12 4 29 15 19 18 19 6 12 24 15 29 15 13 1.88															

NOTE: '****' INDICATES THAT DATA IS NOT AVAILABLE

TABLE A-30 (cont.) FLUORIDATION RATE (FLR) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY																
REGIONAL ANALYSIS OF MONTHLY DATA																
POLLUTANT - FLUORIDATION RATE																
UNIT - MICROGMS/100 SQ CH/MONTH																
YEAR - 1992																
REGION - 4 - CENTRAL																
STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM MEAN	GEO STD DEV
C NO 46081	BURTON RD (END) BRAMPTON	6	23	20	29	18	33	22	36	15	12	29	13	36	21	1.67
C NO 46084	506 MAIN ST N (OPP) BRAMPTON	11	63	22	73	24	63	36	48	36	31	34	16	73	38	1.78
C NO 46085	PROUSE DR/LINKDALE RD BRAMPTON	7	24	17	27	77	43	30	38	24	21	19	14	77	28	1.82
C NO 46086	56 BARRONWOOD COURT BRAMPTON	7	21	18	23	14	30	23	28	18	21	29	12	30	20	1.52
C NO 46105	QUEEN/MATLOCK ST MISSISSAUGA	273	449	118	147	58	132	123	322	422	300	572	169	572	257	1.98
C NO 46106	BRITANNIA RD W/PIONEER ST MISSISSAUGA	287	427	30	140	139	254	111	210	220	230	150	293	427	208	1.97
C NO 46117	MEADOW PK, APPLE LANE CLUB MISSISSAUGA	7	15	4	7	27	20	23	26	14	23	29	20	29	18	1.90
C NO 46120	WANLESS DRIVE (HYDRO POLE#68) BRAMPTON	37	72	50	178	33	112	71	224	242	88	138	16	242	105	2.29
C NO 46121	HIGHWAY 10 (HYDRO POLE#3188) BRAMPTON	93	68	42	112	****	237	80	282	338	235	303	47	338	167	2.18
C NO 46122	SANDALWOOD DR (HYDRO PL#1124) BRAMPTON	74	136	78	105	46	79	132	123	147	100	111	46	147	98	1.48
C NO 46123	HUNTLEY PK/SANDALWOOD PKWY BRAMPTON	17	181	71	26	25	142	41	93	63	65	106	20	181	71	2.20
REGION - 5 - SOUTH EAST																
STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM MEAN	GEO STD DEV
C NO 58007	VICTORIA ST/HIGHLAND DR	4	14	7	12	14	10	25	17	12	17	26	11	26	14	1.68
C NO 58008	377 LAKESHORE RD PORT HOPE	5	13	13	12	3	12	24	15	11	12	31	14	31	14	1.85
C NO 58014	28 SULLIVAN ST PORT HOPE	3	18	7	72	25	10	17	13	8	9	19	10	72	18	2.19
C NO 58015	4 WARD ST PORT HOPE	6	19	9	10	13	11	25	13	13	13	18	12	25	14	1.45
C NO 58027	51 SHUTER ST PORT HOPE	16	31	12	22	22	24	28	17	25	19	61	20	61	25	1.50
C NO 58028	2 CHOATE ST PORT HOPE	62	220	22	35	29	25	37	25	40	28	109	44	220	56	1.98
C NO 58032	HYDRO STN, SHUTER ST PORT HOPE	19	28	13	22	17	27	28	15	24	14	39	14	39	22	1.42
C NO 58037	159 PETER ST PORT HOPE	9	68	22	18	29	25	45	26	22	28	29	30	68	29	1.62
C NO 58038	109 ELGIN ST PORT HOPE	4	11	8	8	11	10	25	12	9	9	14	16	25	11	1.56
C NO 58039	51 SHUTER ST PORT HOPE	15	29	13	18	24	30	29	19	39	16	62	19	62	26	1.57
C NO 58040	2 CHOATE ST PORT HOPE	64	308	23	70	26	24	18	25	36	28	113	53	308	66	2.28
C NO 58041	FILT PLT, MARSH ST PORT HOPE	22	101	26	47	25	17	31	17	20	25	98	52	101	40	1.87
C NO 58042	CAN TIRE, QUEEN ST PORT HOPE	5	16	7	9	10	21	22	11	9	10	22	15	22	13	1.61
C NO 58043	109 ELGIN ST PORT HOPE	4	11	6	8	9	10	24	11	8	8	16	13	24	11	1.58

NOTE: '****' INDICATES THAT DATA IS NOT AVAILABLE

Table A-31

STATIONS USED IN AIR QUALITY TRENDS (1983-1992)

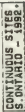
City	Station (Period)
Burlington	44008 (1983 - 1992)
Cornwall	56051 (1983 - 1992)
Etobicoke	35003 (1983 - 1992)
Fort Frances	62030 (1983 - 1992)
Hamilton	29025 (1983-1986); 29000 (1987-1992)
Huron Park	10001 (1983-1990); 15020 (1991-1992)
Kitchener	26029 (1983-1990); 26060 (1991-1992)
London	15001 (1983 - 1992)
Long Point	22901 (1983 - 1992)
Mandaamin	14118 (1983 - 1992)
Merlin	13021 (1983 - 1992)
Niagara Falls	27056 (1983 - 1992)
North Bay	75010 (1983 - 1992)
North York	34002 (1983 - 1991); 34020 (1992)
Oakville	44015 (1983 - 1992)
Oshawa	45025 (1983 - 1992)
Ottawa	51001 (1983 - 1992)
Peterborough	59006 (1983 - 1991)
Sarnia	14064 (1983 - 1992)
Scarborough	33003 (1983 - 1992)
Simcoe	22071 (1983 - 1992)
St Catharines	27037 (1983-1986); 27067 (1987-1992)
Stouffville	48002 (1983 - 1992)
Sudbury	77016 (1983-1987); 77203 (1988-1992)
Thunder Bay	63040 (1983-1986); 63200 (1987-1992)
Tiverton	18007 (1983 - 1992)
Toronto	31104 (1983-1990); 31103 (1991-1992)
Windsor	12008 (1983 - 1992)

Table A-32

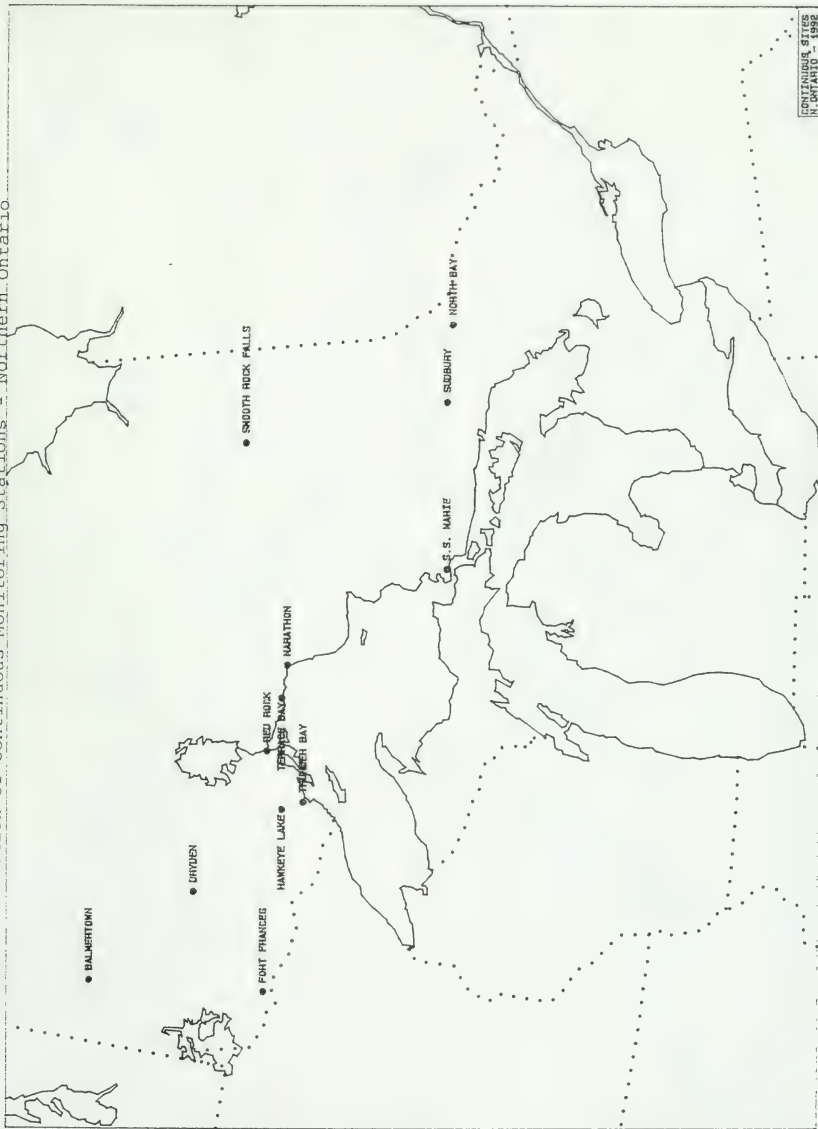
STATIONS USED IN TRENDS OF PARTICULATES (1983-1992)

City	Station (Period)
Bramalea	46033 (1983 - 1992)
Burlington	44008 (1983 - 1992)
Chatham	13003 (1983 - 1992)
Courtright	14016 (1983 - 1992)
Etobicoke	35003 (1983 - 1992)
Espanola	77029 (1983 - 1992)
Fort Frances	62032 (1983 - 1992)
Hamilton	29025 (1983 - 1992)
Jarvis	22092 (1983 - 1992)
Kitchener	26029 (1983 - 1990); 26060 (1991-1992)
London	15001 (1982 - 1991)
Mississauga	46110 (1982 - 1991)
North Bay	75010 (1982 - 1991)
North York	34002 (1982-1988); 34020 (1989-1991)
Oakville	44015 (1982 - 1991)
Oshawa	45025 (1982 - 1991)
Pickering	45001 (1982 - 1991)
Port Colborne	27047 (1982 - 1991)
Port Hope	58027 (1982 - 1991)
S.S. Marie	71049 (1982 - 1991)
Sarnia	14064 (1982 - 1991)
Scarborough	33003 (1982 - 1991)
St Catharines	27008 (1982 - 1991)
St Thomas	15006 (1982 - 1991)
Sudbury	77026 (1982 - 1991)
Thunder Bay	63005 (1982 - 1991)
Toronto	31104 (1982 - 1990); 31103 (1991)
Welland	27045 (1982 - 1991)
Windsor	12008 (1982 - 1991)

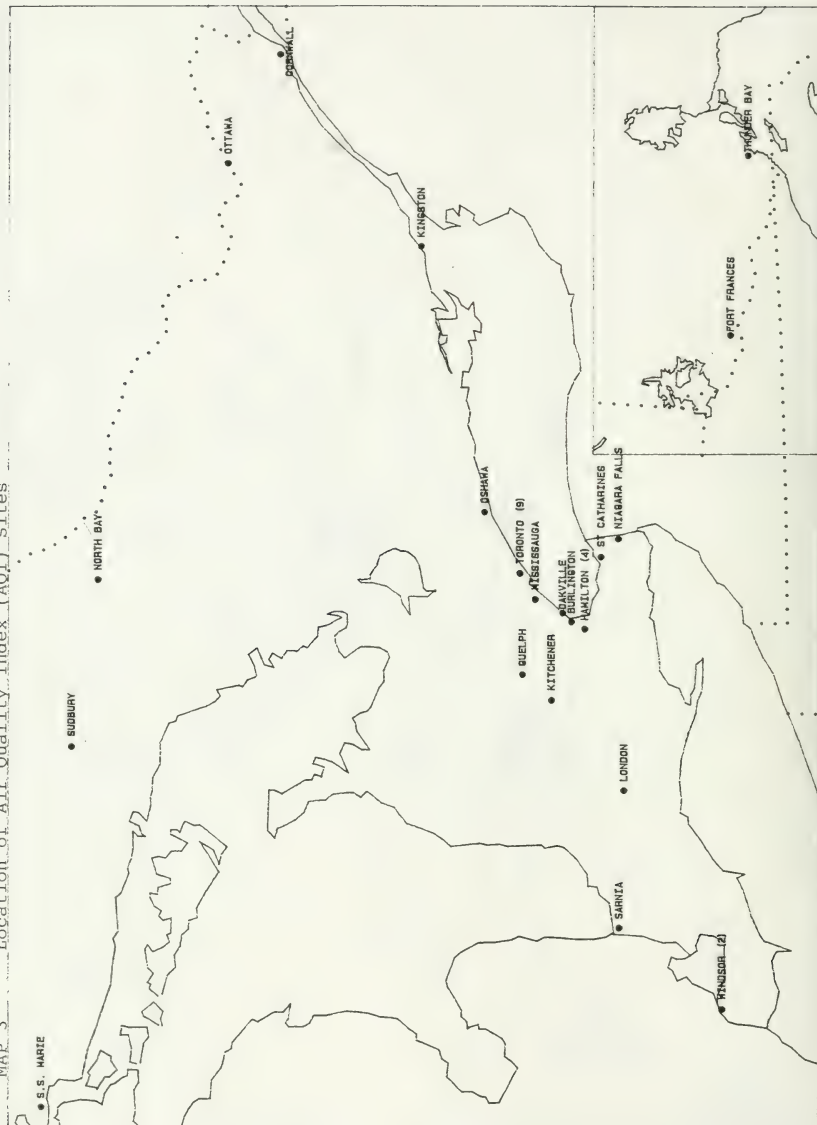
MAP 1 Location Of Continuous Monitoring Stations - Southern Ontario



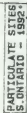
MAP 2 Location Of Continuous Monitoring Stations - Northern Ontario



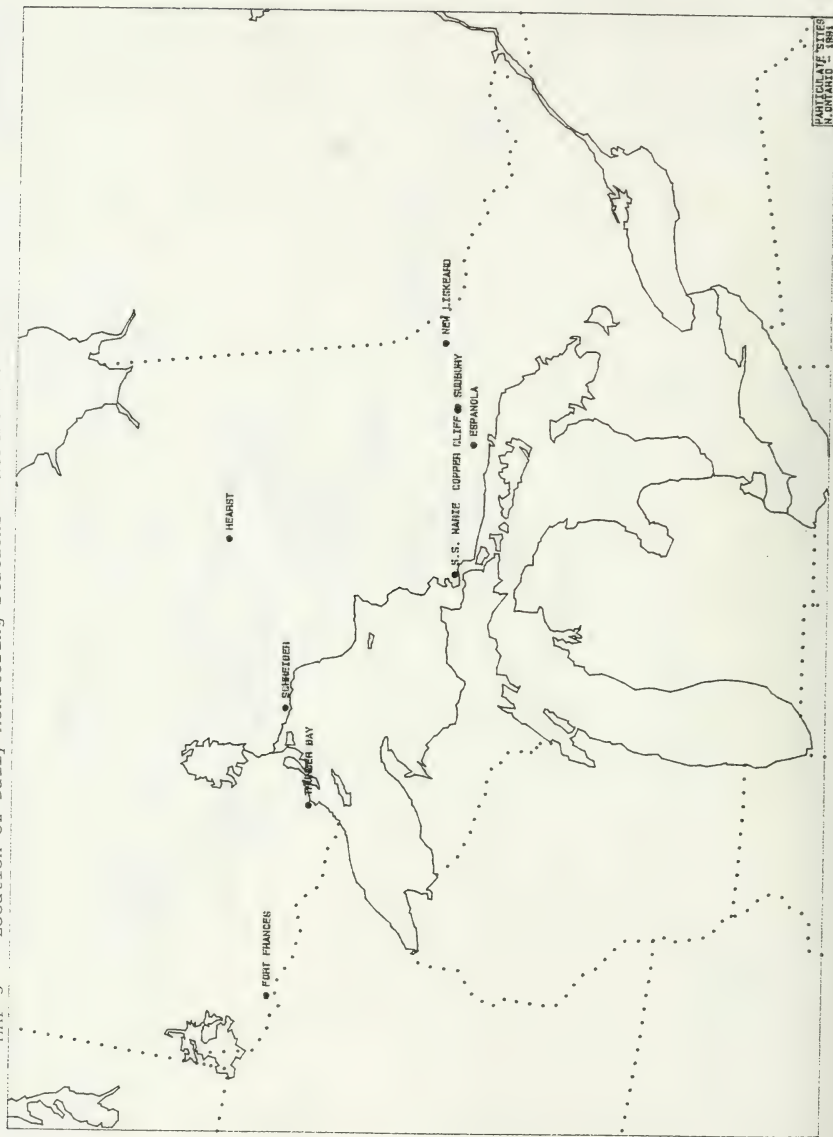
MAP 3 Location of Air Quality Index (AQI) sites



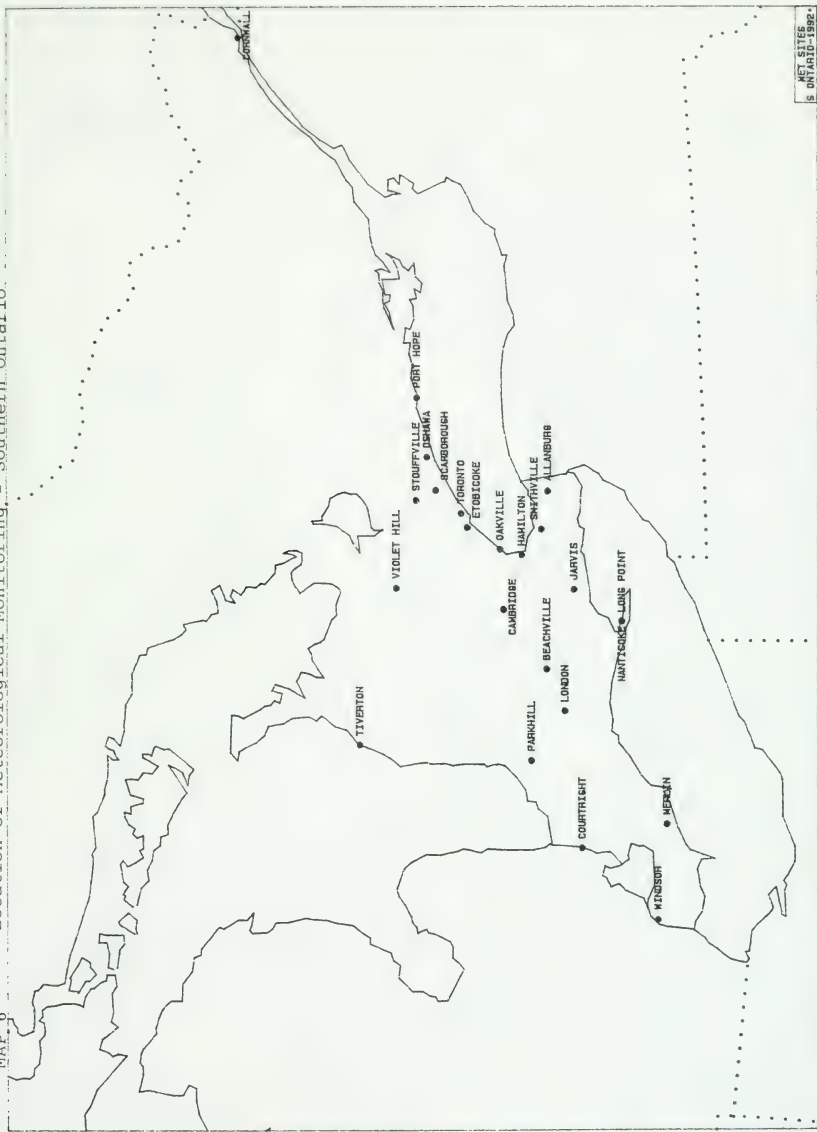
MAP 4



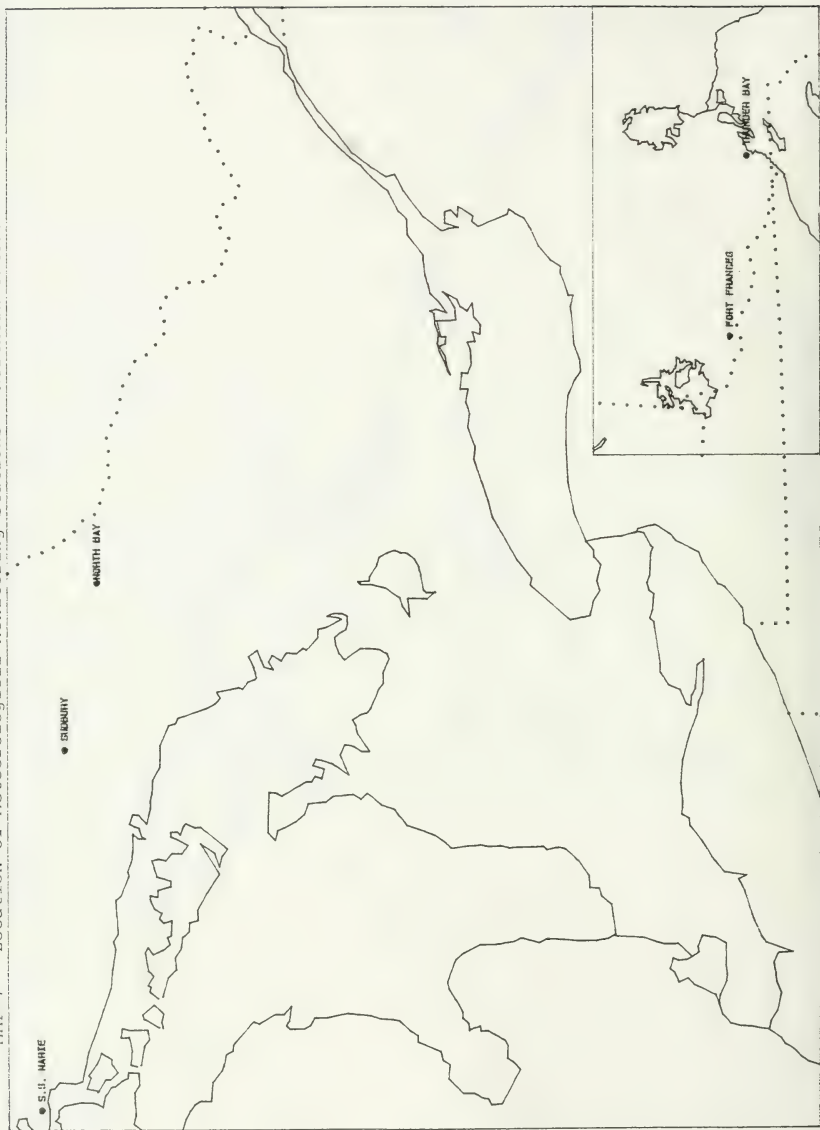
MAP 5 Location of Daily Monitoring Stations - Northern Ontario



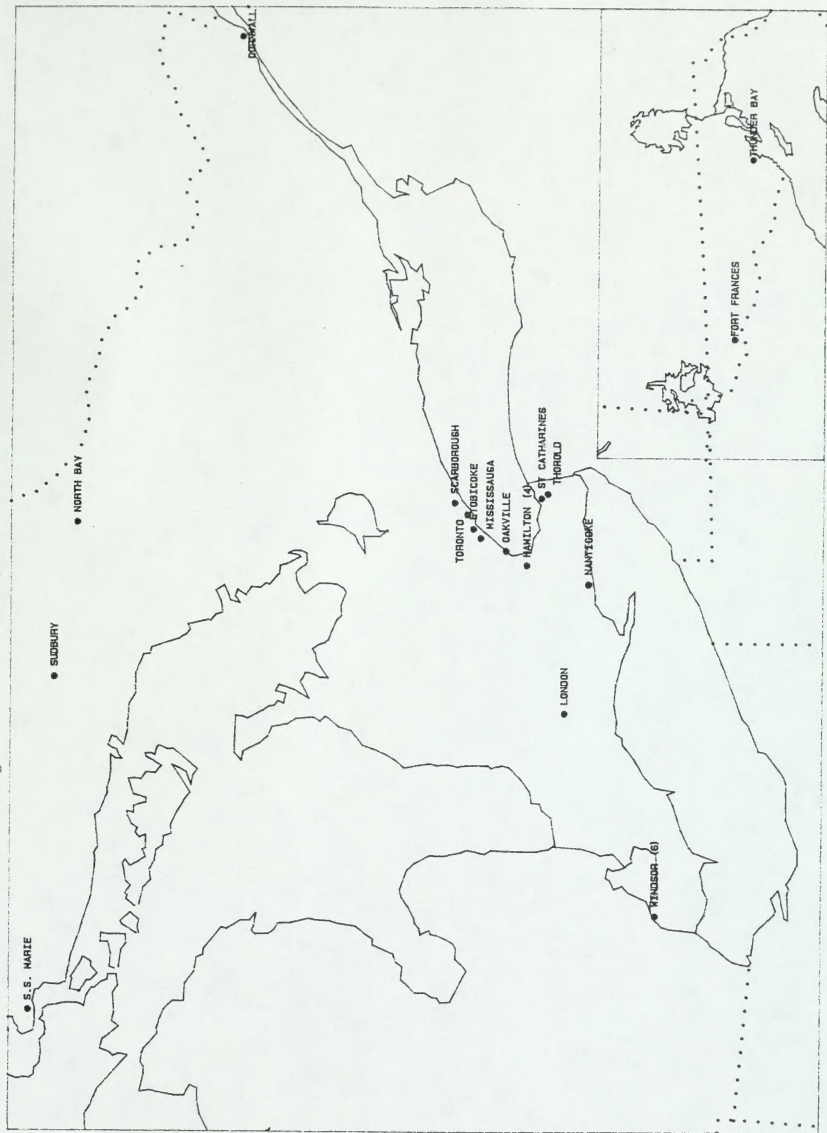
MAP 6 Location of Meteorological Monitoring - Southern Ontario



MAP 7 Location Of Meteorological Monitoring Stations - Northern Ontario



MAP 8 PM-10 Monitoring Sites In Ontario





Map of the North-Western part of the District

